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Annual Seed Catalogue

Season 1916



...Reding and Clark...

Joplin, Missouri

R. & C's Quality Seeds for 1916

Prosperity, Crops and Good Prices have in general prevailed all over the country the past year with our Farmers, Gardeners and Dairymen. This should be an incentive to our Farmers, to increase and extend their operations, by planting improved varieties of Seeds and larger crops, thus increasing their culture to their advantage.

In Vegetable and Truck crops, the outlook for the coming season is particularly bright. Labor is well and remuneratively employed all over this country, and this should make a good demand in our markets for vegetables and all farm products, and should give every encouragement to market growers to plant liberally in order to meet the increased demand now promised.

Our Vegetable Seeds have long maintained a high reputation for their superior quality and productiveness, and our increase in trade in these lines has been very large. We solicit orders of both market growers and private gardeners, feeling sure that our stocks will give them the best results and satisfaction.

Our Grass and Clover and Farm Seed Department is one of the largest in this country, and we have the very best facilities for furnishing high grade farm seeds at as reasonable prices as high quality seeds can be sold.

Thanking our friends and customers for their continued patronage, and with best wishes for their continued prosperity, we remain.

Joplin, Mo., Jan. 1, 1916.

Very truly yours,
REDING & CLARK,

Joplin, Missouri.

BUCKEYE INCUBATORS AND BROODERS

We are agents for the celebrated Buckeye Incubators and Brooders. These machines have a national reputation for Hatchability and Durability. Send for special catalogue describing these sure Hatching Incubators.



IMPORTANT SUGGESTIONS IN ORDERING

Always use the Order Blank and envelope sent with this Catalog when possible. Write plainly, keep a copy of your order and be sure to sign your name, Postoffice, County, and State every time you write to us. Extra Envelopes and Order Blanks will be sent on application, also additional Catalogs, if desired.

Send Money—Remittance should always accompany the order. Remittances may be made at our risk by any of the following methods: **Postoffice Order, Bank Draft, Express Co. Money Order, Registered Letters.** We will also accept one and two cent postage stamps, as payment for orders, where the amount does not exceed \$1.00.

No Goods Sent C. O. D. unless cash to the amount of one-fourth the order accompanies the same.

Free Postage.

At prices quoted we prepay postage on all seeds by the packet, ounce, $\frac{1}{4}$ pound, pound, pint and quart. Larger quantities by express or freight at customer's expense. If you wish to include Garden Seeds in with freight orders for Potatoes, Grass Seeds, etc., you may deduct 5c per pound or pint and 10c per quart from catalog prices.

Free Seeds, and Discounts for Large Orders

Bulk Seed Discount—On orders amounting to \$5.00 deduct 10 per cent. On orders amounting to \$10.00 deduct 12 per cent. On orders amounting to \$15.00 deduct 15 per cent.

Providing you use the prices given in this book and do not include any Field Seeds, Grass Seeds, Potatoes, Onion Sets, Poultry Supplies etc., on which we only give the lowest net prices at time Catalog is issued.

Packet and Ounce Seed Discount—For 25c we will send 30c worth of seeds pkt. or ounce. For 50c we send 65c worth of seeds, pkt. or ounce. For \$1.00 we send \$1.30 worth of seeds, pkt. or ounce. In taking advantage of our packet and ounce discount no larger quantity than packets or ounces of any kind can be included.

Free Seeds—In addition to the above discounts we make a rule of throwing in extra packets where liberal orders are sent in.

Order Early.

It is important to order as soon after you get the Catalog as convenient, then you will have your seeds at hand for planting when you want them; besides, if you want seeds in large quantities they can be sent by freight much cheaper than by express. Small Orders, however, can often go as cheaply by express.

Shipping Orders.

When goods are to be shipped by freight or express, give plain shipping directions; otherwise we use our best judgment.

Small Orders

If you only want a single packet, do not hesitate to order it. We take as much pains with small orders as with large ones. Small orders for R.&C.'s Quality Seeds are sure to grow larger.

We Urge.

Customers to inform us promptly on the arrival of orders if anything proves otherwise than expected. We aim to make friends of our customers, and mail orders receive the same careful attention that customers do over our counters, but we are only human, and errors sometimes (though not often) occur. When they do we are willing and anxious to rectify them.

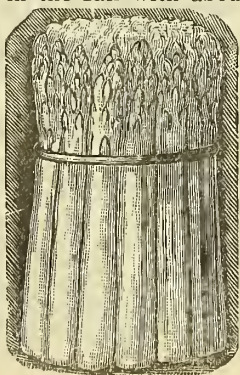
If you have a Rural Mail Delivery be sure to give the Number and Box of your Route.

Guarantee—Complaints made that seeds are not good, should quite as often be attributed to other causes, as to the quality of the seeds. There are contingencies continually arising to prevent the very seeds always giving satisfaction, such as sowing too deep, too shallow, in too wet or too dry soil; insects of all descriptions destroying the plants as soon as, or before, they appear; wet weather, cold weather, frost chemical changes in seeds induced by temperature, etc. For all these reasons it is impossible to guarantee seeds under all circumstances, and while we exercise the greatest care to have all seeds pure and reliable, we give no warranty, express or implied, as to description, quality, productiveness or any other matter of any Seeds, Bulbs, or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

ASPARAGUS

Soak the seed 4 hours in tepid water, sow early in spring in rows one foot to sixteen inches apart, keep clean from weeds and grass. After the tops turn yellow in fall, cut them off and remove from bed. Cover the beds in the fall with about 4 inches of rotted manure or leaves.

Columbia Mammoth White—The immense shoots are clear white, and in favorable weather remain so until three or four inches above the surface. The crown or bud of the young stalk is considerably smaller than the part just below it. All but a few of the seedlings will produce clear, white shoots and the green ones can be readily distinguished and rejected when setting the permanent bed. Pkt., 5c; oz., 10c $\frac{1}{4}$ lb., 20c; lb., 50c.



Conover's Colossal—A standard variety of large size and delicious quality. Certainly one of the best varieties grown. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

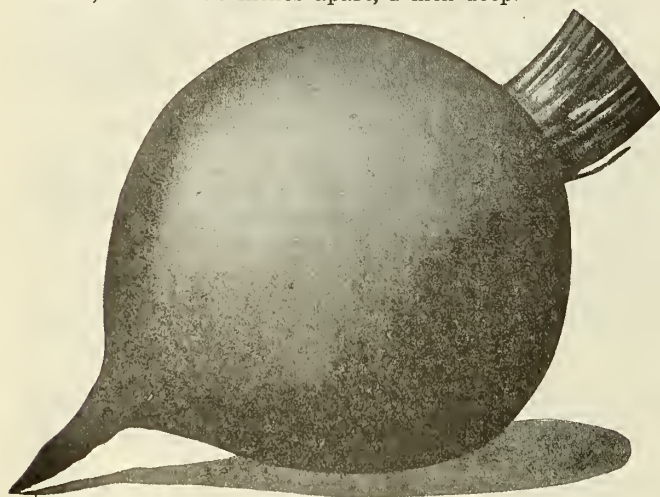
Palmetto—A close second to our famous Columbian White Mammoth. An enormous yielder, very tender and appetizing, producing large, clear stalks of excellent quality. Very early. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

ASPARAGUS ROOTS

The purchase of roots two years old will save two years' time. Best two year roots of the above varieties: Postpaid dozen 25c; Not postpaid, fifty, 40c; hundred, 75c; thousand, \$4.50.

QUALITY GARDEN BEETS

Beets grow best in moderately rich, light loam. Sow the seed as soon as the ground becomes fit to work, in drills 18 inches apart, 1 inch deep.



CRIMSON GLOBE

CRIMSON GLOBE—The root is of medium size, generally about three inches in diameter, very handsome in shape, being a little deeper than round, with a remarkably smooth surface. It has a very small taproot. The very dark leaves are small and borne on slender stems, which occupy but a small portion of the root, but it is the exquisite tenderness of the flesh and the complete absence of any stringy or woody character that so thoroughly distinguish this beet. The interior color is very deep crimson, but is ringed or zoned in a most beautiful manner, making it very attractive in appearance. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.

CROSBY'S IMPROVED EGYPTIAN BEET

Superior Strain Seed.

Very handsome form, good size, few small tops, very small tap root, fine quality, and, above all, quick, rapid growth. The shape is very desirable, not quite so flat as the ordinary Egyptian, nor so round as the Eclipse. Takes on its turnip shape and looks well, even in the early stages of its growth, on which account it is preferred for forcing to the Globe. May be sown outside as late as July. We have a very fine selection of this stock. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

Early Eclipse—One of the best of the table beets, almost as early as the Egyptian and much superior in quality. Has small tops and is smooth fine grained and tender. Color, bright red; sometimes with lighter zones. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Early Blood Turnip—The old standard. A good summer and autumn variety. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Extra Early Egyptian—Of flattened shape and good quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Long Smooth Blood—The standard in long beets for table use. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Detroit Dark Red Turnip—This superb variety is probably the most popular deep red turnip Beet, not only for market gardeners, but for home use. Its small top, early maturing and

splendid shape and color have made it a favorite. Top small, upright growing, so that the rows may be close together; leaf, stem and veins dark red, blade green; root globular and very smooth; color of skin dark blood red; flesh deep bright red, zoned with a darker shade, very crisp, tender and sweet, remaining so for a long time. Very uniform in shape, color and quality. Pkt. 5c; oz. 10c ¼ lb. 30c; lb., 90c.

SWISS CHARD

Swiss Chard Lucullus—The plants grow from 2 to 2½ feet tall and consist when fully developed, of about a dozen creamy white, attractively curled leaves. These leaves are carried on broad, thick stalks, about 12 inches long. Take the leafy portion of the plant and cook like Spinach. Prepare the stalks as you would Asparagus. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

STOCK AND SUGAR BEETS

Prices of All Stock and Sugar Beets; Pkt., 5c; ¼ lb., 15c; lb., 50c; 5 lbs., \$2.00.

Sugar Beets, as well as Mangels are most valuable for stock feeding. There is no better paying root crop than either. They keep well and as a change of food, are excellent. Eight pounds will sow one acre.

Long Red Mangel—A large variety grown for stock feeding. It stands up well above the surface, color light red; flesh white and rose colored.

Golden Tankard—Shape cylindrical, color deep rich yellow, flesh yellow circled with white. Unequalled for feeding stock. One of the best varieties known.

Vilmorin's Improved Sugar—In general the

most desirable beet for the factory is the one containing the largest percentage of sugar. In this variety we have one of the richest beets in cultivation; not only that, but it will do better on new lands, and will keep the best of any. In size it is medium or little below, yielding from ten to sixteen tons per acre, and containing from 16 to 18 percent of sugar.

Bean Prices

Seed Beans, are probably the shortest supply ever known, and prices are ruling very strong. In fact there will not be near enough stock to supply the demand. This has been caused by the exceedingly bad weather conditions in the producing sections during the crop of 1915.

We strongly advise early orders, to be sure of your supply.

GREEN PODDED BUSH BEANS

Write for prices on Larger Quantities.

If wanted by express or freight deduct 5c per pint 10c per quart from price quoted. Prices include postage on packets, pints, and quarts, larger quantities at customers' expense.

REDING & CLARK'S FAVORITE

Our Leader in Green Pod Bush Beans.

The plant is remarkably handsome and thrifty growth, being practically rust and mildew proof. It is very hardy, extremely early, very prolific and bears continuously for several weeks. The vines are large, somewhat spreading and prolific. The foliage is dark green, with leaves large and crumpled. The pods are very long, often six to seven inches, flat, irregular in shape, bright but rather dark green and of excellent quality. Seed of medium size, oval, flat, yellowish brown in color. The pods are entirely free from any tough, membranous lining, not only when young, but this tender quality is retained even into maturity. The one best bean for the home garden. Pkt., 10c; pt., 25c; qt. 50c.



REDING & CLARK'S FAVORITE

Burpee's Stringless Green Pod.

One of the finest early Beans in cultivation and one that has held its place in spite of many new introductions for which superior qualities were claimed. It produces in profusion long, straight, round, deeply saddlebacked pods early in the season. The pods are absolutely stringless at all stages of growth, brittle, tender and of real good flavor. Pkt., 10c; pt., 25c; qt. 50c.

Mammoth Stringless Green Pod.

This is an exceptionally good variety possessing all the merits of its namesake, the Stringless Green Pod, with much larger pods. The plants are stocky and strong growers; pods slightly curved, rounded, saddlebacked and meaty. They are brittle and stringless at all stages, and in quality and flavor are surpassed by none. Our customers who have tried the Mammoth Stringless, are unanimous in praising it. Pkt., 10c; pt., 25c; qt. 50c.

Early Round Pod Red Valentine.

Usually ready to pick in 35 days after planting. Pods round, thick, fleshy, of fine quality and unequalled uniformity of ripening; one of the most profitable sorts for market gardeners. Pkt., 10c; pt., 25c; qt., 45c.

Refuge or 1,000 to 1.

One of the later of green podded sorts; used for pickling; pods long cylindrical; prolific. Pkt., 10c; pt., 25c; qt., 45c.

Bountiful.

This new, green podded Bush Bean is a heavy cropper and very early, of fine shape, stringless, and good quality. Its hardiness and great productiveness make it one of the very best Bush Beans. Pkt. 10c; pt., 25c; qt., 45c.

The Improved Longfellow.

A remarkable early and exceedingly prolific variety of Beans. The plants are of robust; compact habit, bearing a profusion of round, straight, fleshy pods, averaging 6½ inches long. The pods are remarkably tender and brittle without a trace of tough inter-lining. They are stringless in stages of growth except when quite old. Pkt., 10c; pt., 25c; qt., 45c.

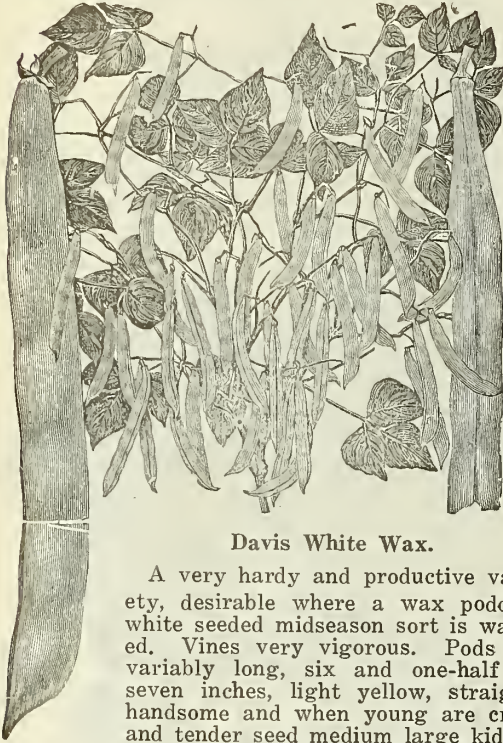
Dwarf Horticultural.

Pods are of medium length, slightly curved, and when nearly developed are freely splashed with bright red on the yellow skin. The green beans are of good size, tender, and fine flavor. Any surplus beans not needed for use during the summer, make excellent soup or baking beans for winter. Pkt., 10c; pt., 25c; qt. 45c.

White Navy or Prolific Tree.

Our stock of the Navy or Soup Bean as it is commonly called, is the Genuine Dwarf or Bush form. Every farmer should plant of this popular variety, for use as dry Beans, during the winter months. They are easily grown and yield large crops on any ordinary ground, which is not too rich. Soils too rich in nitrogen have a tendency to make too much foliage. Pkt., 10c; pt., 20c; qt., 35c. By express or freight, gal. 90c; pk. \$1.75.

Yellow or Wax Podded Bush Beans



Davis White Wax.

A very hardy and productive variety, desirable where a wax podded, white seeded midseason sort is wanted. Vines very vigorous. Pods invariably long, six and one-half to seven inches, light yellow, straight, handsome and when young are crisp and tender seed medium large kidney shaped, clear white, excellent for baking. Pkt., 10c; pt., 25c; qt., 50c.

Pencil Pod Black Wax.

Although hardy, it is absolutely stringless, tender and of a most luscious quality; pods smooth, perfectly round, and straight as a lead pencil. In points of vigor hardiness and prolificacy, it is certainly a winner. It stands in a class by itself. We have sold this bean for several years with the best of satisfaction under all conditions. Pkt., 10c; pt., 25c; qt., 50c.

Improved Golden Wax.

In spite of all the new sorts of beans introduced every year our Golden Wax Bean still retains its popularity. This is a decided improvement on the old Golden Wax, as it is almost wholly free from rust. The pods are of a dark rich golden yellow color and of perfect shape. Cooking quickly as snaps, shelling well when green and of highest quality in either way. Pkt., 10c; pt., 25c; qt., 50c.

Violet Flageolet Wax

Known also as, Perfection Wax; pods very large long and somewhat twisted. When well grown it is one of the most showy of wax beans. Seed large, flat, dark violet. Pkt., 10c; pt., 25c; qt., 45c.

Wardwell's Kidney Wax.

This variety maturing a little later than the Golden Wax yields a large crop of long nearly straight, broad, light golden yellow, handsome pods. These are of large size, about six inches long and are of good quality. They always command a ready sale, making the variety one of the most profitable for the market gardener. Suitable also for snaps for the home garden use. The leaves are large and slightly roughened. Seed large, flattened, kidney shaped white with dark markings about the eye. Pkt. 10c; pt. 25c; qt. 50c.

BUSH LIMA BEANS

Henderson's Bush

The Earliest of the Bush Limas—Grows in compact bush form and produces large crops of delicious beans, they are small in size. Of high table merit, and a favorite for the home garden on account of its delicious flavor and great productiveness. Ripens very early and bears until frost. Pkt., 10c; pt., 20c; qt., 35c.

Burpee's Bush.

The only bush form of the true, luscious large Lima. It is pronounced by all good judges as unquestionably the real Bush Lima. The bushes grow eighteen to twenty inches high, of stout growth and always erect. It is an immense yielder. Pkt., 10c; pt., 20c; qt., 35c.

Dreer's Bush

The true bush form of the chubby Dreer's or Potato Lima. The pods are heavy and thick. It is quite productive and of excellent quality. Pkt., 10c; pt., 20c; qt., 35c.



TEPARY BEANS

Better Than The White Navy or Soup Bean.

A Drouth-Resisting Bean raised by the Indians in Arizona.

Tepary Beans will make a fair crop in 75 days and a good crop if they have 90 days. If it is struck by a drouth it will ripen the pods already set and when the drouth breaks it will set and ripen a new crop.

Under ordinary dry farming conditions they yield from 450 to 700 lbs. per acre. The beans are white, cook well, have a delicious flavor.

They have been grown by Indians for thousands of years without irrigation with an annual rainfall of 9 inches. Pkt., 10c; pt., 20c; qt., 35c. By express or freight, gal., 90c; pk., \$1.75.

POLE BEANS

R. & C.'S PERFECTION WAX

THE GREATEST WONDER IN POLE BEANS

Pods are long and so thick and fleshy that they are frequently greater in thickness than in breadth; they are meaty and nearly stringless. The vines commence to bear when scarcely higher than the average bush variety and bear until killed by frost. It is a vigorous grower, one plant filling a pole with a mass of vines, densely loaded with the beautiful golden pods. We offer you this bean as being absolutely at the top in Pole Beans. Pkt., 15c; pt., 25c; qt., 50c.

Kentucky Wonder or Old Homestead—An old favorite, with long, fleshy deeply saddle-backed pods. Very prolific, producing an abundance of fine, stringless crisp beans until late in the season. Of best quality. Pkt., 10c; pt., 25c; qt., 45c.

Crease Back or Fat Horse—Wonderfully productive pods long and stringless bears 4 to 12 pods in a cluster. Pkt., 10c; pt., 25c; qt., 45c.

Dutch Case Knife—Vines moderately vigorous, climb well and excellent for a corn hill bean; leaves large, crumpled, and pods very long, flat, green in color becoming creamy white later. Beans broad kidney shaped, flat and white in color. Pkt., 10c; pt., 25c; qt., 45c.

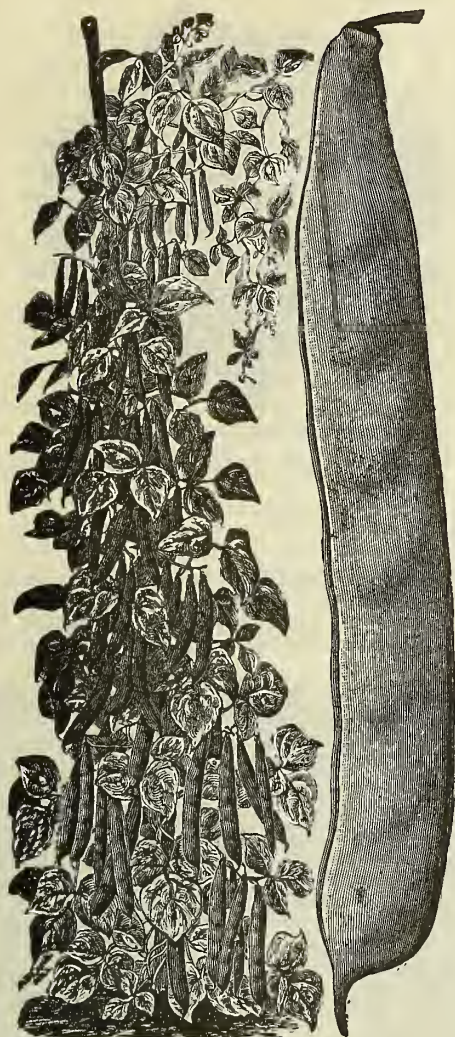
Horticultural or Speckled Cranberry—Short, broad green pods which become streaked with red when nearly ripe. As a shell bean, either green or dry, it cannot be surpassed in quality. The beans are large and easily shelled. Pkt., 10c; pt., 25c; qt., 45c.

Cut Short or Corn Hill—An old popular sort for planting among corn. Pkt. 10c; pt., 20c; qt., 40c.

Lazy Wife—Prolific sort, with handsome entirely stringless pods. They measure from 4½ to 6 inches in length, are thick and fleshy, and retain their rich tender and luscious quality until nearly ripe. The white, dry seeds make excellent winter shell beans. Extends the season considerably. Pkt. 10c; pt., 25c; qt., 45c.

POLE LIMA BEANS

King of the Garden Lima—Undoubtedly this is more extensively grown than any other sort of its class. It is a heavy yielder on all sorts of soil, and is of excellent flavor. The pods are of enormous size, measuring eight or nine inches in length, and containing as many as eight or nine beans. For private gardens this is certainly the very best Pole Lima. Pkt., 10c; pt., 25c; qt., 45c.



R. & C.'S PERFECTION WAX

Early Jersey Lima—About 10 days earlier than any other pole lima listed. Beans rather small, very productive, fine flavor. Pkt., 10c; pt., 25c; qt., 45c.

BORECOLE OR KALE

Kale or German Greens do not form heads, but furnish an abundance of pretty curled leaves that are highly prized as food. Sow from the middle of April to the beginning of May, transplant and cultivate like Cabbage. Will endure considerable frost without injury. One ounce of seed sows 200 feet of drill. 4 pounds sow an acre.

Dwarf German Green—Is very dwarf and spreading. The leaves are beautifully curled and of a bright green color. Quite hardy. Pkt., 5c; oz., 10c; ¼ lb., 20c.

BRUSSELS SPROUTS

A species of the Cabbage family which produces miniature heads from the sides of the stalk. These heads are a great delicacy, boiled in the same way as cauliflower. The seed should be sown about the first of April, in a seed bed, and the plants afterwards set in rows 2 feet or more apart and cultivated like Cabbage. It is ready for use late in autumn after early frosts.

Improved Dwarf—Produces compact sprouts of the finest quality; a good keeper. Pkt., 5c; oz., 10c; ¼ lb., 20c.

CAULIFLOWER

Cauliflowers delight in a rich moist soil and in dry seasons should be abundantly watered, especially when heading. Sow the seed early in the hotbed and transplant 2 to 3 inches apart in boxes or in another hotbed until such time as they are safe to be planted in the open ground, which in this latitude is usually the 1st of April.

Erfurt Earliest Dwarf

This variety will stand the test with any extra early sort. It is very dwarf in habit producing pure white heads of great solidity, and finest quality; quite desirable for forcing or for planting in open ground. For a general all round market garden variety we can highly recommend the Erfurt strain. Pkt., 10c; ¼ oz., 75c; ½ oz., \$1.10; oz., \$2.00.

Early Snowball.

The best variety for general use. Of dwarf habit, and produces large white heads in a very short time. Always tender and sweet, an excellent sort for either spring or fall planting. Our seed is grown in Denmark by a specialist and



EARLY SNOWBALL CAULIFLOWER

cannot be surpassed. Pkt., 10c; ½ oz., \$1.10; oz., \$2.00.

CELERY

Seed should be sown in April in a hotbed or in flat boxes, filled with clean, mellow loam. Sow broadcast or in rows and cover with about one-eighth inch of fine soil or sand, pressing it down firmly. Keep the soil moist constantly. When plants are fairly out of seed leaf transplant into another bed or boxes, or thin out to 2 or 3 inches apart. Plant into the open ground by end of May

Glden Self-Blanching—The stalks are much broader and heavier than those of the white varieties and greatly superior in quality. It is ready for use nearly as early as any other sort. The color is very handsome, stalks are crisp, tender and free from stringiness. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

Giant Pashal—Giant size, also very hardy, often standing freezes which completely kill other varieties. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.60.

White Plume—One of the most desirable varieties for either home or market use. It self-blanches beautifully, the stalks are crisp, succulent and of delicious flavor. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.60.



GOLDEN SELF-BLANCHING

good roots. Earthing up is not necessary. The roots may be cooked or used as salad.

Giant Smooth Prague—A large and smooth variety. And too they are an excellent keeper. Pkt., 5c; oz., 20c; ¼ lb., 50c.

Celerac (or Turnip-Rooted Celery)

Sow seed the same way as for Celery. Transplant into rows 2 feet apart and 9 inches in the row. Thorough cultivation is necessary to secure

R. & C.'S QUALITY CABBAGE SEED

Cabbage requires deep rich, mellow soil, and good culture to obtain firm, solid heads. For early use, sow seeds of the early kinds, in hot beds or in a box in the house, the last of January or early in February; transplant into open ground in April. For second early cabbage, sow in April and transplant in May. One ounce of seed produces about 2500 plants.

REDING & CLARK'S EARLY WONDER CABBAGE

The Greatest of all Early Pointed Head Varieties.

Early Wonder Cabbage—Will produce double the crop of any other early variety. It is very early and large, always extremely solid and fine ribbed. Once known, it will hold its own with the market gardeners and home growers alike. In our judgment it excels in flavor all varieties known to us.

It is exceedingly tender, fine grained and as a cropper no early Cabbage will approach it. **Early Wonder Cabbage** is more solid and better flavored and keeps in fine condition. It is very dwarf and compact allowing of close planting. Heads fine, pointed-shaped, and with few outside leaves, size ideal for marketing. It is entirely uniform, every plant producing a good head. An extra good cropper on account of extra size over many other first early sorts. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c; lb., \$2.50.



REDING & CLARK'S EARLY WONDER

Early Winningstadt—Well known and popular Cabbage. In season very close to Early Jersey Wakefield. Heads large, decidedly conical. Solid even in summer; almost worm-proof, because so hard. A very sure header. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

All-Season—One of the best of this class. Ready for market only a few days later than Early Summer, but it grows much larger. The heads are firm, solid, and of good flavor. Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.50.

Early Jersey Wakefield—Many market gardeners consider this the very best Early Cabbage in cultivation. Its merits are many, among which are large heads for an early sort, small outside foliage and uniformity of crop. Pyramidal in shape, having a blunted or rounded peak; very solid, fine texture and sweet. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

Large Charleston Wakefield—A selection from Early Jersey Wakefield, only it is about one week later than that popular early variety and grows much larger, heads often average 8 to 10 lbs. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.



COPENHAGEN MARKET

Copenhagen Market.

The earliest large round-headed cabbage yet introduced. The heads are of exceptionally large size for so early a variety. The plant is of vigorous habit but compact, with short stem and few outer leaves which are of rather upright growth. The leaves are medium light green, nearly round, comparatively thick and smooth. The heads are round, very solid and of exceptionally good quality. Its earliness, compact growth evenness of maturing, uniformity and size of head, firmness and most excellent quality combine to make Copenhagen Market one of the most valuable cabbage of recent introduction. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

All-Head, a grand early cabbage—A thorough-

bred sort of remarkably uniform size and shape and sure heading qualities. Deep, flat heads, solid and uniform in color, shape and size. In tenderness unsurpassed. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

Henderson's Early Summer—The earliest large hard-heading variety, large, flat or slightly rounded heads. Stands longer without bursting than most early sorts. Valuable for both market and family. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

Early Flat Dutch—Belongs to the second early class and produces large, solid heads of uniform shape and handsome appearance; when fully developed they frequently weigh 12 to 15 pounds each. The heads are fine grained and dainty flavor. Pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.50.

MEDIUM AND LATE CABBAGE



DANISH BALL HEAD

The Volga.

This variety is of the greatest uniformity. In a field of several acres frequently not a single plant shows any variation from a true and valuable type. In some respects it is a vegetable wonder as the heads are about equal in size and shape weighing from 12 to 15 pounds each, round as a ball, the largest measuring about 12 inches in diameter either way. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

Premium Late Flat Dutch—The standard variety; a sure header and a good keeper. Many gardeners depend entirely upon this variety for their winter cabbage. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.60.

Danish Ball-Head or Hollander

Hard as a rock—heavy as lead. This splendid variety is well known for its remarkable solidity and grand keeping qualities. So great has been the demand among the users of Cabbage for this fine grained sort as to render its importation from Denmark a most profitable enterprise for the vegetable dealer. The heads are very heavy and superb in quality. The extra weight, in limited space, will be appreciated by those who grow for distant markets, ship in car loads and sell by weight. Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Sure Head—A popular strain of the Flat Dutch type. Heads are large, round flat on top, very hard and fine in texture. Aptly named, it is always a "sure header" Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.60.

Large Late Drumhead—A good standard winter variety largely grown for main crop. Large solid heads, always reliable as a header; of good quality. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.60.

Mammoth Rock Red—The largest and surest heading red cabbage. Plant large, with numerous spreading leaves; stem of medium length. The head is large, round very solid and of very attractive deep red color. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

Collards.

A plant of the Cabbage family. It is well adapted to the South, enduring extreme heat; excellent for greens.

True Southern, or Georgia—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

SWEET OR SUGAR CORN

Prices include postage on packets, pints and quarts.

Don't Plant Sweet Corn Deep—Sweet Corn should not be planted over one inch deep; most people plant two or three inches deep, most sure to rot. Do not plant too early. Not as early as field corn.

REDING & CLARK'S EARLY SUGAR QUEEN

In this new variety of Early Sugar Corn you will find the Purest Ivory White Color, Sweetest Flavor combined with medium large size ears and earlier than any early Sugar Corn you have ever grown. Early Sugar Queen matures in about 55 days from planting. The ears are set well up the stalk, from 30 to 34 inches above the base of plant. Early Sugar Queen is the sweetest Early Sugar Corn you can possibly grow. The color is a pure ivory white, and the ears contain from 10 to 12 rows of grains each. Ears are perfect shape and filled well, clear to the end. We give this grant new variety our strongest endorsement and particularly recommend it for home and market gardens. Prices, Pkt., 10c; pt., 15c; qt., 25c; gal., 85c; pk., \$1.50.

Golden Bantam Sweet Corn—A very early sweet corn with golden yellow grain, very tender and of excellent quality. The ears are six to seven inches long and of the medium size found most suitable for the table. The flavor is exceptionally rich and delicious. Our stock has been carefully selected. Height about four feet. Pkt., 10c; pt., 15c; qt., 25c; gal., 75c; pk., \$1.25.

Early Minnesota—The stalks are about six feet high bearing one or two ears well covered with husks. The ears are about eight inches long, eight rowed; kernels very broad, sweet and tender, not shrinking much in drying. Pkt., 10c; pt., 15c; qt., 25c; gal., 60c., pk., \$1.00.

Early Evergreen—This variety resembles the

Stowell's Evergreen, but is ready for use much earlier, and remains in good condition equally as long. The ears grow to a good size, usually about 7 inches long, and contain from 16 to 18 rows of deep sweet grains. Pkt., 10c; pt., 15c; qt., 25c; gal., 60c; pk., \$1.00.

Early Adams—An excellent early field variety and often used for table, particularly in the south. Ears about eight inches long, twelve or fourteen rowed; kernels white, rounded somewhat deeper than broad and indented at the outer end which is whiter and less transparent than the inner. Stalks about six feet high. Pkt., 10c; pt., 15c; qt., 25c; gal., 45c; pk., 75c.

REDING & CLARK'S SWEETHEART SUGAR CORN **Absolutely the Whitest and Sweetest Main Crop Sugar Corn**

Introduced by us in 1911, and certainly has proved a wonderful variety. The ears are large, measuring 8 to 9 inches long, thick through, with ten or more rows of plump and purest white kernels, that are of most deliciously sweet flavor.

Stalks average 6 feet tall, broad leaved and very strong growing. Sweetheart sugar corn is not an extra early, but a medium early main crop variety. It has been our experience that most of the extra earlies are not worth having when grown, as the ears are very small and shallow grained. We especially recommend this new corn for your home garden, and know positively that you will be more than pleased with the results. Market gardeners give this new variety a trial it is sure to please you. Pkt., 10c; pt., 15c; qt., 25c; gal., 75c; pk., \$1.40.

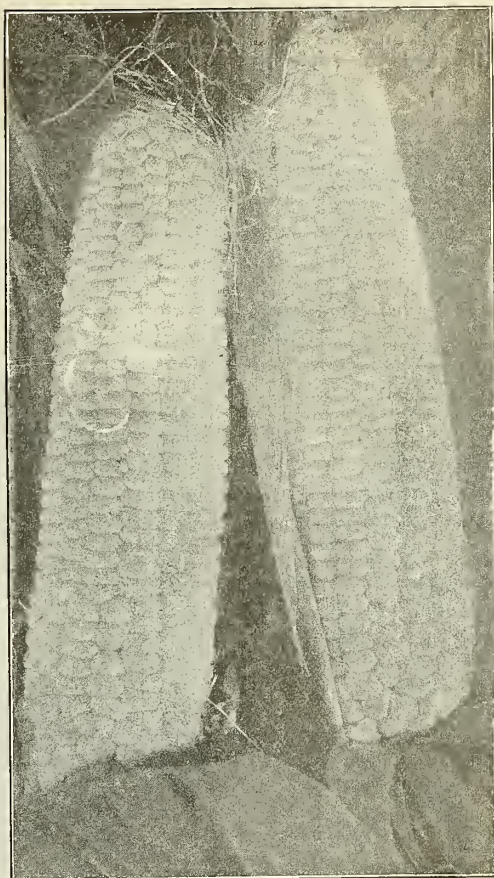
Stowell's Evergreen—Is more popular than any other for canning, for marketing and for the home garden. Great care has to be exercised in the selection of stock to grow seed from, as this variety has a tendency to deterioration and a shorter grain which makes it less sugary and desirable. Pkt. 10c; pt., 15c; qt., 25c; gal., 50c; pk., 80c.

White Evergreen—This is a high-bred pure-white type of the ever-popular Stowell's Evergreen. Stalks very vigorous, 6 to 7 feet high. The ears are uniformly very large and well filled. When in the green state both cob and kernal are white as snow. Pkt., 10c; pt., 15c; qt., 25c; gal., 60c; pk., \$1.00.

Country Gentleman—This variety has a small white cob, densely covered with irregular rows of very long slender, white grains of excellent quality. Ears seven to nine inches long; stalks from six and one-half to seven feet high. Well adapted for canning as well as the home garden and market and by many it is regarded as the best of the late varieties. Pkt., 10c; pt., 15c; qt., 25c; Gal., 50c; pk., 90c.

Mammoth Sugar—A large late variety having ears of mammoth size, 14 to 20 rows. Quality excellent, not exceeded by any variety. A good canner's variety, being white grained and very uniform. A week later than Stowell's Evergreen. Pkt., 10c; pt., 15c; qt., 25c; gal., 50c; pk., 85c.

Black Mexican—This corn when in condition for the table, cooks remarkably white; but the ripe



REDING & CLARK'S SWEETHEART

grain is black or bluish-black. It is surpassed by none in tenderness. For family use it is considered by many the most desirable of the medium late sorts. Pkt., 10c; pt., 15c; qt., 25c; gal., 60c; pk., \$1.00.

TABLE CARROTS



CHANTENAY

Chantenay—Very productive, medium early and of excellent quality. Tops medium sized, but tapering slightly, smooth, deep orange-red necks small. Roots thick, five and one-half to six inches in length, uniformly half or stump rooted

Danver's Half Long—A rich orange red variety very smooth and handsome, producing very large crops. It is an excellent market variety. Tops are of medium size and coarsely divided. Roots taper to a blunt point. Flesh is sweet, crisp and tender. Will produce more to the acre than the larger field varieties. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

Long Orange—An improved and pure strain, producing roots of the largest size and superior quality. Color a deep orange fleshy, very tender. One of the best varieties for home garden or market. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

in color. Flesh very crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

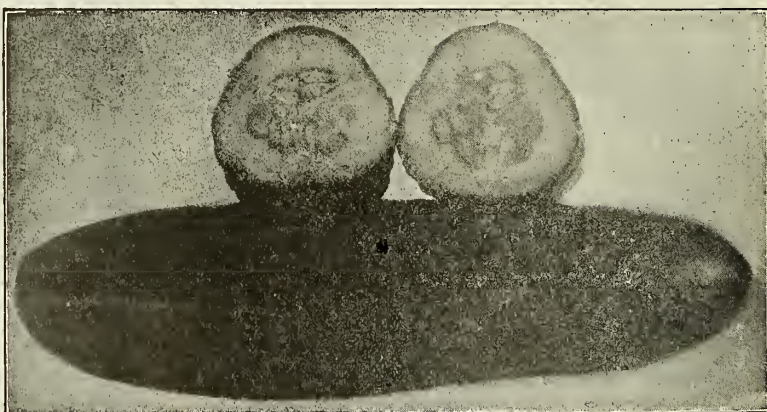
R. & C.'S QUALITY CUCUMBER SEED

Culture—Do not plant cucumbers before danger of frost has passed as the plants are very tender and the least frost will damage or kill them. Plant in hills or rows four feet apart, 10 to 15 seeds to each hill, make soil very rich. For pickles plant from June 1st to middle of July.

REDING & CLARK'S SUPERIOR DARK GREEN

The Perfect Ideal Dark Green Cucumber

In our estimation this is the best cucumber grown. It can be aptly described as the perfect cucumber. The fruits are a glossy dark green and remain that way longer than any other variety we know of. It is equally good as a pickle cucumber or for slicing for table use. The flesh is solid tender and of excellent quality at all stages of growth. It is very prolific bearing fruits of even size all through the season. Give this cucumber a trial this season and you will not be disappointed. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.50.



SUPERIOR DARK GREEN

Early White Spine—Very prolific early, of good size, straight, well formed and full at both ends. The fruit is from six to eight inches long and two to three inches in diameter, with flesh of excellent flavor, white clear, crisp and very tender. Pk., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Early Green Cluster—This is a short variety, of a pale green color, which matures very early and is an excellent forcing kind. It is rather prickly and contains but few seeds. It is a great favorite for pickling on account of its productiveness. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.



EARLY WHITE SPINE

Improved Long Green—Vines very vigorous and productive. The fruits are very long, slender and of uniformly dark green color. Furnishes some fruits early but matures the bulk of its crop rather late. Excellent for slicing and very largely used for pickles. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Davis' Perfect—A sure money maker for those engaged in growing cucumbers under glass "for profit" as well as for truck gardeners to grow out-of-doors. On account of its being such a strong grower it is able to resist the cucumber disease. It is as early as the earliest strain of White Spine. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

Everbearing—Wonderfully prolific. Bears continually the entire season. Blossoms and cucumbers at all stages of growth are found on the same vine. It is one of the earliest sorts and is a heavy cropper. The cucumbers will average about five inches in length, and are of good form and color. An excellent sort for small pickles. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.

Japanese Climbing—Medium size, well formed fruit of dark green color. This variety throws out strong grasping tendrils which enables it to climb trellis, wire netting, strings or any other suitable support. Pkt., 5c; oz., 10c; ¼ lb., 25c.

lb., 90c.

Small Gherkin—(For Pickles) A very small oval, prickly fruited sort quite distinct from all others and grown exclusively for pickles. It is the smallest of all the varieties and should always be picked when young and tender. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.

Arlington White Spine—A fine selection from the old white spine that is growing greatly in popularity with Southern truckers and shippers. The fruits are of good shape, uniformly about 7 inches long, straight and of a rich dark green color. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Klondike—A medium early, white spined cucumber of handsome, very dark green color and of excellent quality for slicing. The vines are very hardy and productive. The fruits when mature are about eight inches long, and are uniform in size and shape. Color dark green, slightly striped at the ends. The dark green color is retained much longer and is affected less by the hot sun than any other sort with which we are familiar. Its uniform size and shape and splendid color are making this variety very popular as a shipping sort. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

QUALITY LETTUCE

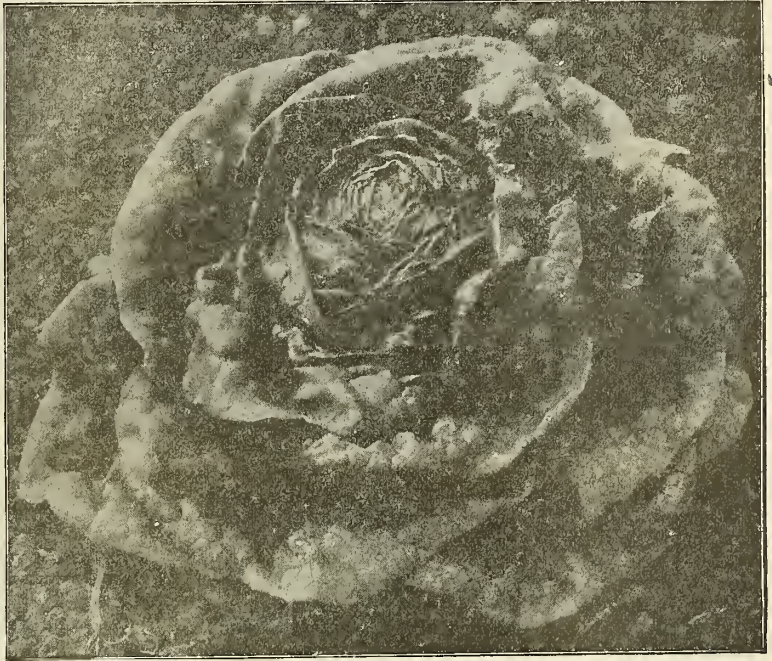
One ounce of Seed sows 100 square feet, plants 120 feet of row, produces 3000 plants.

BIG BOSTON LETTUCE

A Grand Large Head Lettuce For early summer or Fall use. Big Tender, and Crisp.

Creamy White Heads—
The king of all large head lettuces. A most desirable variety, either for forcing in cold frames or open ground planting. The Big Boston is sure to be wanted by market gardeners and trucksters because it always produces large, solid salable heads, and will commend itself to amateurs because it heads up well, at all seasons of the year, and is of crisp, tender quality. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

May King—The new early head lettuce. Plant this lettuce for the first early head lettuce. It is equally good for outdoor planting or forcing. The outer leaves have a slightly brownish tinge, while the heart is a beautiful yellow, very crisp and tender, for substance and for quality melts in the mouth like butter. Its growth is extremely rapid and its fine large heads are ready in advance of any other heading variety. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.



BIG BOSTON

early curled Simpson. In many parts of the West this is the most popular and best selling variety. It forms large, loose heads of very thin and slightly ruffled leaves of light yellowish green. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Early Curled Simpson—The standard cutting or loose head variety. It is earlier than any of the heading kinds. Is used extensively for sowing in cold frames and is also largely grown in the open ground, especially in small home gardens. It forms a close compact mass of curled, yellow-green leaves. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Grand Rapids—A favorite sort for growing in hot beds or green houses and a fine sort also for outdoor sowing. It grows very rapidly forming large, loose curled bunches. The color is a yellowish green. The leaves are crisp, tender and fine flavored. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

California Cream Butter—Stands the hot summer weather of the west and south better than most any other variety. Well formed large heads with rich, yellow leaves that are thick, tender and fine flavor. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c;

Prizehead—We recommend this sort for the family garden. It is early, of fine quality and remains fit for use a long time before running to seed. It does not head up solid, but forms large, loose bunches. The leaves are nicely curled and are very tender and sweet, bright green in color edged with brown red. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

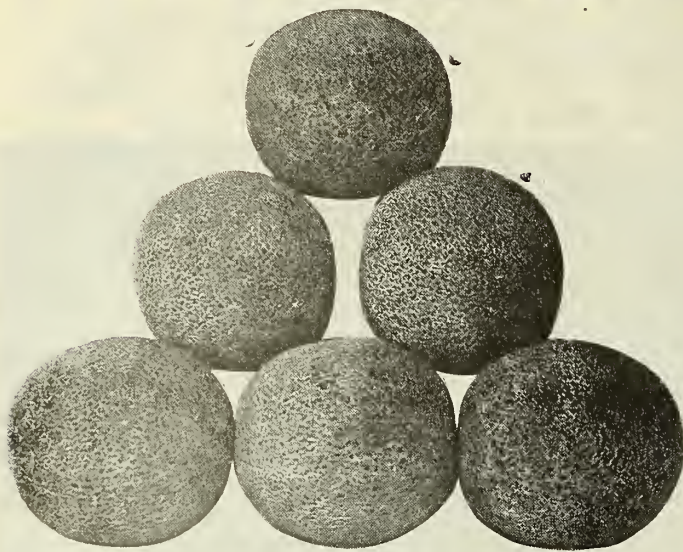


GRAND RAPIDS

Improved Hanson—One of the best for growing during the hot summer months, as it will stand heat and dry weather to perfection. The large, solid heads weigh sometimes two or three pounds. They are of light green color outside and white within, tender, crisp and fine flavor. Pkt. 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

Black Seeded Simpson—The best of the non-heading lettuce. Large and lighter in color than

MUSKMELON OR CANTALOUPE



RUST RESISTANT ROCKY FORD

Burrell Gem Cantaloupe—It has a tough, thin rind, well arched ribs, covered with a closely laced and interlaced gray netting, shape quite elongated, and the blossom end is protected with a well developed button. Meat of a reddish orange, very thick, fine grained and spicy. Seed cavity small and triangular. Average weight about 2½ lbs., length 6 inches and thickness 4½ inches. The seed we offer is selected stock of the originator's growing. Prices: Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

REDING & CLARK'S CHAMPION MARKET

Champion Market is the sweetest and most luscious green-fleshed Cantaloupe now on the market. It is of that desirable size in demand in all markets; round, inclined to oval in shape, heavy in proportion to size because the flesh is so deep. Distinctly ribbed and thickly netted; color of skin grey-green. Be cause of its firm flesh and solidity, we believe it will make a splendid shipper. The flesh is an attractive green of exquisite texture, sugary, juicy, tender and entirely free from any stringiness. It has a delightfully rich aromatic flavor. The vines are of luxuriant and vigorous growth, yielding bountifully. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

Hackensack, Extra Early—(green flesh) This is a variety possessing all of the good qualities of the large Hackensack, but by careful selection a strain has been secured which will ripen about a week or ten days earlier than the old variety, making it more desirable where an extra early large melon is required. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Rocky Ford, Selected Seed—The melons grown at Rocky Ford, Colorado, are superior in quality to any, but there are soils in every section that will produce them almost as good. We offer only the true and most selected strain. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Banana—Attains a length of from 18 to 24 inches; from 2 to 4 inches thick. Flesh very thick, of salmon color. It looks almost like an over

RUST RESISTANT ROCKY FORD.

The Quality Melon.

This is the highest development yet attained in the Rocky Ford Cantaloupe, both in netting and rust-resistant qualities. The melons appear as shown in cut solid net, the heavy gray netting being closely laced and interlaced over the entire surface of the melon from the stem to the well-developed blossom button.

The meat is light green and very deep; its flavor is not excelled by any of the green meat sorts and none of them are better, if as good, shippers.

It is highly rust-resistant. Under unfavorable conditions when other strains rust badly the vines of this strain remain green and thrifty, continuing to blossom and set on fruits. The value, owing to this quality, is very great as in many localities, rust often destroys the crop, when other strains have lost their quality on account of rust, this continues to ripen melons of the highest quality.

It yields a heavy crop, continuing long in bearing, and cannot fail to please. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

Tip Top.

The testimony of all who have used Tip Top is that every melon produced whether big or little, early or late, is a good one—sweet juicy finest flavor, firm fleshed, and eatable to the outside coating. Fruit of large size, and flesh attractive bright salmon in color; nearly round, evenly ribbed, moderately netted, very productive. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.



REDING & CLARK'S CHAMPION MARKET

grown banana and smells like one, hence its name. Has a peculiar flavor, differing from ordinary musk melons and by some is considered superior Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

We also carry the following varieties of musk melons, our seed of which is first class stock: **Large Hackensack**, **Montreal Market**, **Jenny Lind**, **Netted Gem**, and **Osage**. Price, pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.

R. & C'S QUALITY WATERMELONS

R. & C'S Delicious

A Grand New Watermelon that will be a revelation to you, in its solid, crisp, delicious flavor.

Because of a failure by our grower, we were unable to supply seed of this variety last season. But by good luck we have in stock for this season, a supply of this seed that is strictly first class in every way. We want you to try this grand melon for your own table, you will certainly be surprised by its delicious flavor.

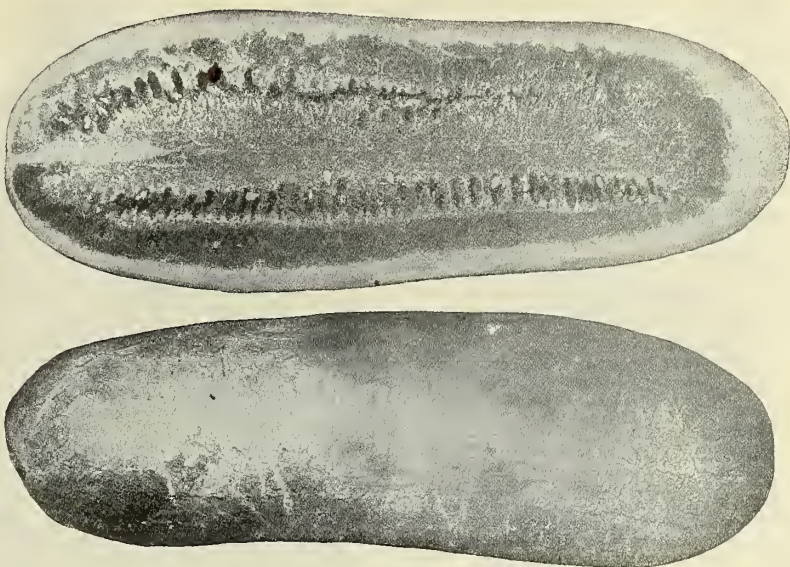
Description: Delicious Melons are oblong in shape. Averaging twenty to thirty inches in length, color light green, flesh of the deepest indescribable crimson, delightfully sweet and refreshing. The flesh is sweet, tender and very deep crimson.

The vines are robust and strong-growing. They should be planted fully 12 feet apart each way, often setting fruit before runners are a yard long and so prolific that you can almost walk across the patch on the melons. One distinct feature of this melon is that the flesh is a good deep red by the time the seeds are formed in it, often before the melon is really half grown. Seeds are very small and very few in the melon. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

Tom Watson—is an extra long melon of attractive appearance, uniform in shape and quality. The luscious crimson flesh is "as sweet as honey" melting and of superb flavor. The average melon will weigh 35 to 40 lbs., and measures about 28 inches long and about 12 in diameter. It is very prolific, producing in greatest abundance the large delicious fruits. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Bradford—The vines are strong and healthy, producing a large number of attractively shaped melons. The color is dark green with darker stripes. Bradford Melons are large, and heavy weighing 35 to 50 pounds. Flesh a deep scarlet, firm, solid and of the richest flavor imaginable. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb. \$1.00.

Golden Honey—A beautiful, golden-flesh melon, one of the finest we have ever tasted. The flesh is a beautiful glistening amber shade of yellow, very tender, and has a most delicious flavor. It is medium early, of uniform large size and oblong shape, and has a very handsome appearance. The color of the rind is light green, with mottled stripes. This melon has no hard core or stringy sections. The rind is thick and the seeds are



large and white, some of them having a small black tip. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

Kleckley Sweets—Of superb, luscious flavor, very desirable to plant for home use or local markets. The melons are oblong in form, with dark green skin, thin rind which is very brittle. Flesh bright scarlet, with solid heart, deliciously crisp, sugary and splendid in every way. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c; 2 lbs., \$1.35.

Halbert Honey—Greatly resembles Kleckley Sweets, but is of a darker color and more even and regular in shape. It grows from 15 to 30 inches long is dark green, slightly ridged and blunt at the blossom, and stem ends. The meat is sweet as honey, melting and leaves no trace of pulp. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 2 lbs., \$1.35.

Chilean Watermelon—The Chilean Watermelon is different in many marketable degrees. It is smaller than the usual oblong melon and almost globular in shape, and only about 12 inches in diameter either direction. The variety is wonderfully prolific and bears more early ripening melons than perhaps any other variety grown. The flesh when the melon is cut is firm, never mealy, granular or stringy, and of a brilliant deep blood-red color, right up to the thin rind. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

We also carry the following good varieties of melon at the uniform price of Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c. Larger quantities at 40c per pound. Black Diamond, Georgia Rattlesnakes, Long Dixie, Gray Monarch, Dark Icing Sweetheart, Peerless and Preserving Citron.

R. & C.'S QUALITY ONION SEED

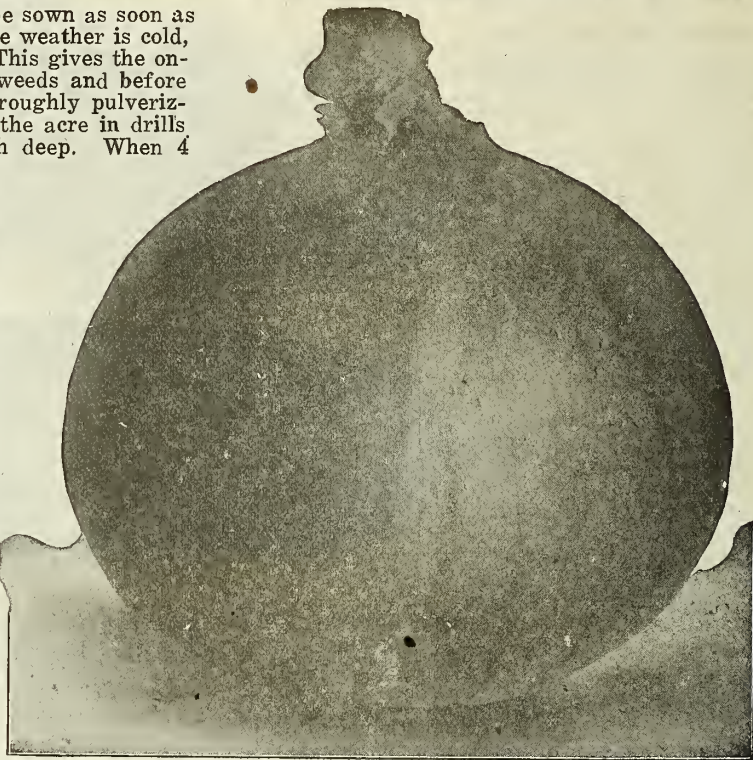
Culture.—Onion seed should be sown as soon as possible in the spring, even if the weather is cold, just so the soil works up well. This gives the onion a good start and ahead of weeds and before dry weather sets in. After thoroughly pulverizing the soil, sow 4 to 5 lbs., to the acre in drills 1 foot apart and about $\frac{1}{4}$ inch deep. When 4 inches high, thin out to stand 3 to 4 inches apart in the rows, keeping them well hoed and free from weeds.

Southport Red Globe—The handsomest of all red onions, large, solid and of perfect shape. The bulbs are remarkably uniform in shape, of a rich red color, ripens evenly and yields the largest percentage of marketable onions. They ripen down hard and solid, keep well, and their beautiful appearance insures a ready market. Our strain of Red Globe is absolutely unsurpassed producing uniformly, handsome, thin-necked, hard, richly-colored bulbs. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.90.

Mammoth Prize-Taker—This is the large beautiful spanish variety, so often seen in markets of the larger cities. Enormous size, 12 to 14 inches in circumference. Although of such great size, it is very hardy and a good winter keeper, as it ripens up hard and firm; very fine grained and a mild delicate flavor. The outside skin is a rich yellow, while the flesh is white. They bottom well, are free from stiff necks and have produced more bushels of marketable onions to the acre than any other variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

Large Red Wethersfield—For general purposes the country over, no red variety is more largely grown. The largest, most uniform and heaviest yielder, and one of the best keeping of all the red onions. Large size; skin deep purplish-red; form round, somewhat flattened; flesh purplish-white. Yields enormous crops. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.85.

White Globe—A most desirable medium early or main crop variety for the home garden. Yields abundantly, producing medium to large, handsome and finely shaped, clear white bulbs. The flesh is firm, fine grained, quite mild in flavor and is more attractive than the colored sorts when cooked. Bulbs globe-shaped, full at the shoulder, rounded at the base, keep well and are desirable for shipping. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 65c; lb., \$2.25.



SOUTHPORT RED GLOBE

Bottom sets are sold basis 32 lbs. to bushel.

Mammoth Silver King—One of the largest onions in cultivation. Very large, early, flat, but thick through. Tender and of very mild, sweet flavor; uniform in size and shape. We recommend it for exhibition at fairs, and for fancy market, as well as the home table. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Silver Skin or White Portugal—An early white flat onion. Fine for using as green onions or as a winter variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Danvers Yellow Globe

Of large size, an early and abundant cropper, very thick bulb, flat or slightly convex bottom, full oval top with a small neck and rich brownish yellow skin. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.85.

Extra-Early White Barletta Onion—The very earliest Onion in cultivation. One of the best for pickling, being naturally quite small. Pure white, mild delicate; adapted for table use; makes an extremely pretty bunch onion. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

SELECTED ONION SETS

Red Bottom Onion Sets—By mail qt., 20c postpaid, express or freight, qt., 10c; gal., 35c; bu., \$2.25.

White Bottom Onion Sets—By mail qt. 20c postpaid, express or freight, qt., 10c; gal., 35c; bu., \$2.50.

Yellow Bottom Onion Sets—By mail, qt., 20c; postpaid, express or freight, qt., 10c; gal 35c; bu. \$2.25.

Top Onion Sets—By mail qt., 35c; postpaid; express or freight, qt., 15c; gal., 55c; bu., \$3.00.

Prices are subject to market fluctuations.



FINE PEPPERS

Sow early in hotbeds or boxes or in open ground late in Spring, when 4 inches high transplant in rows 24 inches apart and 20 inches apart in rows

CHINESE GIANT

Without doubt one of the very best and largest Mango Peppers that was ever introduced. Its mammoth size, splendid shape, beautiful rich, glossy flesh and mild flavor all lead us to speak of it in words of commendation. Very popular with all. Its strong bushy plants, which are literally loaded with the splendid large fruits, begin bearing quite early and continue throughout the season. Has few seeds; hence the genuine is necessarily high in price. Pkt., 10c; oz., 30c; ¼ lb., \$1.00

PERFECTION "PIMENTO"

This pepper is especially desirable for home and market garden purposes; both as a green or ripe fruit. It is so smooth and uniform in shape that the skins can be easily slipped off after burning over a hot fire a few seconds or by boiling a few minutes in hot water.

The hull or meat is from two to three times as thick as that of the bell types, hence yields about twice as much.

The quality is very sweet and delicious and entirely free from pungency, yields very heavily up to time of frost. Try this pepper this season you will be surprised by the results. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.35.

Ruby Giant.

Ruby Giant Pepper is one of the largest and finest mild Red Peppers in cultivation. The plants are vigorous, stocky and dwarf; very bushy, growing not over 2 feet in height. They are well branched; thickly set with enormous fruits, some 4 to 6 inches long by 3 to 4 inches thick. When ripe, they are of a beautiful bright glossy ruby red color, and are always remarkably mild and very pleasant to the taste if not grown too close to the hot varieties. They can even be sliced and



RUBY KING.

eaten with salt and vinegar. Pkt., 10c; z., 30c; ¼ lb., \$1.00.

Ruby King—The old standby. Peppers 3 to 4 inches in diameter, of mild flavor, very desirable for mangoes. Pkt., 5c; oz., 25c; ¼ lb., 60c.

Cayenne—Very hot, long and slim, good for seasoning. Pkt., 5c; oz., 20c; ¼ lb., 50c.

Large Bell or Bull Nose—A very large sort of inverted bell shape, suitable for filling or for a mixed pickle. Flesh thick hard and less pungent than most other sorts. Pkt., 5c; oz., 20c; ¼ lb., 60c.

Cherry—Round, small, good bearer. Fine for fancy pickles. Pkt., 5c; oz., 20c; ¼ lb., 50c.

Champion Moss Curled

A handsome variety of quick, robust growth, forming compact, ornamental plants densely furnished with strong stemmed graceful leaves, finely cut, most beautifully curled, and of that brilliant emerald green color so highly attractive when used for garnishing. The flavor of the leaves is unusually rich and aromatic. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.



Parsley—Champion Moss Curled

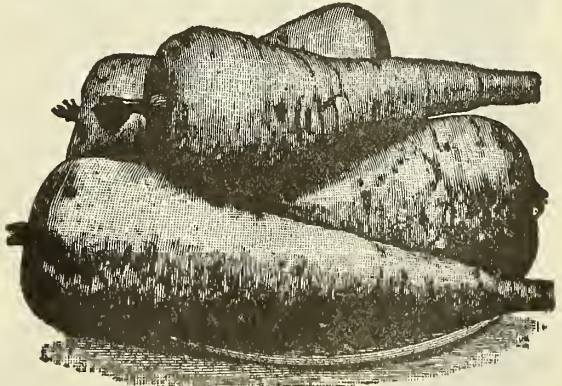
PARSLEY

Succeeds best in a rich mellow soil. As the seeds germinate very slowly, three or four weeks sometimes elapse before it makes its appearance. It should be sown early in the spring. One ounce of seed will sow about 150 feet of drill.

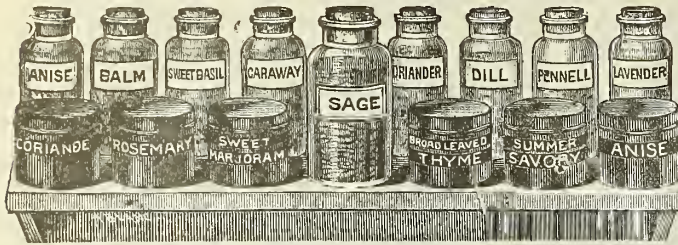
PARSNIPS

Parsnips are usually grown on deep, rich sandy soil, but will make good roots on any soil which is deep, mellow and moderately rich. As the seed is sometimes slow and uneven in growth, it should be sown as early as possible in drills two and one-half feet apart; cover ½ inch deep and press the soil firmly over the seed. Give frequent cultivation and thin the plants to six inches apart in the row.

Hollow Crown or Guernsey—An excellent variety for the table. Roots long, with smooth white skin, uniform in shape, tender and of the best quality. The variety is easily distinguished by the leaves growing from the depression on top or crown of the root. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.



HOLLOW CROWN PARSNIPS



Anise. . . . oz. 10c Coriander. . oz. 10c Marjoram. . oz. 25c
 Basil. . . . oz. 20c Dill. oz. 10c *Thyme. . . oz. 15c
 *Fennel. . . oz. 15c Savory. . . . oz. 20c *Horehound. oz. 30c
 *Sage. . . . oz. 15c *Caraway. . oz. 10c *Lavender. . oz. 25c

All varieties marked with (*) are perennial.

ENDIVE

One of the best salads for fall or winter.
 Green Curled—Ornamental curled leaves of dark green which blanch white and crisp. Pkt., 5c; oz., 10c; ¼ lb., 35c.

KOHL RABI

Grown for its Turnip-Shaped Bulbs.

Early White Vienna—Greenish white outside with clear white flesh within. Smooth, short leaf, good for forcing; fine quality. Pkt., 5c; oz., 10c; ¼ lb., 25c.

Early Purple Vienna—Same in every respect as to the earliest White Vienna, except in and outside color. Pkt., 5c; oz., 10c; ¼ lb., 25c.



KOHL RABI

Seed will not vegetate freely without a strong uniform heat, and if the plants get the least chilled they seldom recover from the shock.

Improved New York Spineless—The standard variety everywhere. The eggs come early, are of large size, regular oval shape and a fine deep purple in color. Pkt., 5c; oz., 25c; ¼ lb., 85c.



SPINELESS

EGG PLANT

MUSTARD

OSTRICH PLUME

An improved strain of the Southern Giant Curled, but immensely superior to this sort both in appearance and delicate flavor. The leaves are finely cut and densely curled resembling wavy ostrich plumes. Of very quick growth and mild flavor. The finest mustard in existence. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

Giant Southern Curled.

This variety is a great favorite in the South for garnishing. Grows about 2 feet in height with very dark large green leaves, the edges of which are finely curled. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

White or Yellow London—Tender and mild. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.

Black or Brown—Old standard variety. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.

RHUBARB OR PIE PLANT



Fine roots of rhubarb for setting out can be grown easily from seed in a single season and this is much the cheapest way to secure a stock of plants.

Giant Victoria—Leaf stalks tall and large. Sometimes weighing 1 pound each. Skin thick and red stained. Pulp quite acid. Productive and profitable for market gardeners. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.10.

Rhubarb Roots.

We supply fine roots of the Giant Victoria, not seedlings. Mailing size, each 10c; dozen \$1.00, postpaid. By express at purchasers expense dozen 50c; 50c for \$1.00; \$3.50 per 100.

OKRA OR GUMBO

Pods used for flavoring soup. Very healthy and easily grown. Plant in hills two inches deep, two or three feet apart in rows.

White Velvet—Distinct in appearance; the large pods are perfectly round, smooth, an attractive velvety white of superior flavor and tenderness. Plant of compact branching growth; prolific. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

Dwarf Green Pod—Plant dwarf; are very productive. Produces beautiful, long, slender, deep green pods which remain tender a long time. An extra choice variety. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

HORSE RADISH

Roots ready for planting—By mail, postpaid, 6 for 15c; doz., 25c. By express not paid, 100 for 75c; 300 for \$1.80; 500 for \$2.50; 1000 for \$4.50. Prices on large lots on application.

NORTHERN GROWN GARDEN PEAS

Experience has proven that for best results in the middle west, the Northern Grown Peas, are superior. They are the earliest, hardiest and most productive. All peas marked "3" are wrinkled. Price of Peas, includes Postage on Packets Pints and Quarts.

Write for Prices on Peas by the Bushel.

REDING & CLARK'S POTLATCH

In Earliness and Productiveness, combined with Quality Potlatch leads them all.

***Potlatch Peas**—Are head and shoulders above any other variety that has been introduced in years. We want you to include Potlatch Peas in your order this year, and learn what a really good, large, sweet pea it is. Strong, vigorous vines of even growth, 20 to 24 inches in height, with luxuriant dark foliage, bearing pods medium green in color $3\frac{1}{2}$ to 4 inches in length. Broad and pointed at the ends. No variety known will produce more pods, and no pods could possibly shell out better. The Potlatch is a variety from which anyone may expect great things. Fit for table use 61 days from planting. Seed green, wrinkled, large in size. We consider ourselves very fortunate in having secured this extra fine pea, Pkt., 10c; pt., 20c; qt., 35c; gal., \$1.00; pk., \$1.85.

EXTRA EARLY ALASKA

Extra early, and undoubtedly one of the earliest that can be grown; and a great favorite with market gardeners. The vines are of strong vigorous habit, and bear from four to seven long pods that are always filled with medium size peas of the most delicious flavor. Height 2 to $2\frac{1}{2}$ feet. Pkt., 10c; pt., 20c; qt., 35c; gal., 90c; pk., \$1.75.

***Premium Gem**—A deservedly popular dwarf growing sort, growing about fourteen inches high. It is hardier and can be planted earlier than most wrinkled peas; very prolific. The pods are large and contain six to eight peas each. Pkt., 10c; pt., 20c; qt., 30c; gal., 90c; pk., \$1.75.

***American Wonder**—A desirable dwarf variety growing only nine inches high, very early. Peas are wrinkled, very sweet and high flavored. Pkt., 10c; pt., 20c; qt., 30c; gal., 90c; pk., \$1.75.

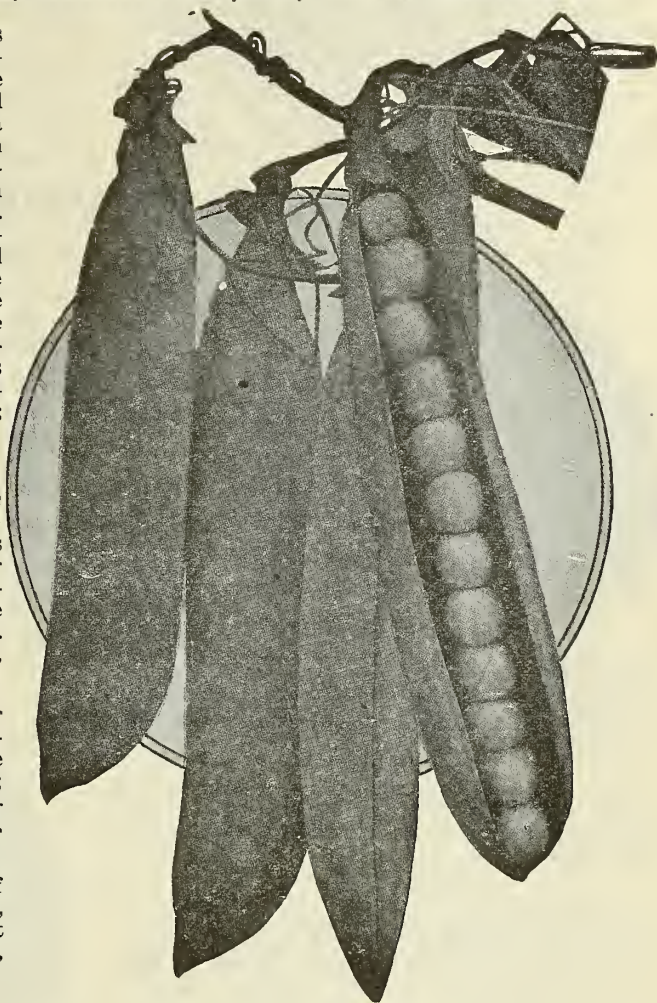
First And Best.

Matures in from forty to forty-five days after germination. The peas are of medium size, round, smooth, and of splendid flavor. The vines are very hardy and seed may be sown as soon as the soil becomes mellow. Height 2 feet. Pkt., 10c; pt., 20c; qt., 30c; gal., 90c; pk., \$1.75.

Dwarf Gray Sugar—The old standard variety of the edible-podded sort, and is used in no other way. Grows about 2 feet high and is remarkable for its earliness. Pods are broad, flat and crooked and contain 5 to 6 peas. Seed is brown and wrinkled. Pkt., 10c; pt., 20c; qt., 35c; gal., \$1.00; pk., \$1.90.

Nott's Excelsior.

*Foliage dark green and rather heavy, suggesting health and vigor. On good soil, grows about 1 foot high. Pods one-third larger than American Wonder and are all ready to pick at once; a great yielder. Pods more often square than round. Pkt., 10c; pt., 20c; qt., 35c; gal., 90c; pk., \$1.75.



Potlatch.

***McLean's Advancer**—A green krinkled variety about two and one-half to three feet high, with long, broad pods which are abundantly produced and well filled to the ends. This pea is used very extensively because of its productiveness, and fine appearance of its pods and it is popular with consumers on account of its quality. Pkt., 10c; pt., 20c; qt., 30c; gal., 90c; pk., \$1.75.

LAXTONIAN.

*This is one of the largest podded of the early dwarf varieties and is a new sort of decided merit. The vines are vigorous, growing about 16 inches high and produces a large crop of good sized pods, averaging from 9 to 10 peas to the pod. The peas are of exquisite flavor and mature early. Many people who have tried Laxtonian claim it to be the best of all the early dwarf sorts. Pkt., 10c; pt., 20c; qt., 35c; gal., \$1.10; pk., \$2.00.

GARDEN PEAS (CONTINUED)

Thomas Laxton.

*A very early wrinkled variety of great merit. Vine vigorous two and one-half to three feet high, dark green in color, hardy and productive. Pods large, long, with square ends. The green peas are very large, of fine deep color and unsurpassed in quality. Pkt., 10c; pt., 20c; qt., 35c; gal., 90c; pk., \$1.75.

*Telephone—Extra large pods. Vine large, coarse leaves, height about 4 feet. The pods are very large and filled with immense peas. Tender, sweet and of splendid quality and flavor. The stock we offer has been selected with every care, and will give satisfaction to the most exacting grower. Pkt., 10c; pt., 20c; qt., 30c; gal., 90c; pk., \$1.75.

*Champion of England—A very productive variety, universally admitted to be one of the richest and best flavored of the late peas. The vines are tall, about four to five feet high. Pods large, about three inches long. The seed is light green and wrinkled. Pkt., 10c; pt., 20c; qt., 30c; gal., 90c; pk., \$1.75.

Large White Marrowfat—The vines of this tall variety are about five feet high and of strong growth. The pods are large, about three inches long, cylindrical, surface somewhat roughened, light colored and well filled; seed large, smooth, round and light creamy yellow. Excellent for summer use but is not as sweet and tender as most of the newer sorts. Pkt., 10c; pt., 20c; qt., 30c; gal., 80c; pk., \$1.50.

FINE PUMPKINS

GENUINE MAMMOTH or TRUE POTIRON

(King of the Mammoths, Jumbo Pumpkin)

Of true Mammoth size, specimens weighing sometimes from 100 to 125 pounds. The skin is of salmon-orange color, the flesh thick, bright yellow, fine grained and of good quality. Give plenty of space. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Large Sweet Cheese—Superior to the field varieties, as it is excellent for table use as well as for stock feeding. Is fine for pies. Shape flat, skin mottled light green and yellow. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

Small Sweet or Sugar Pumpkin—This is the small, sweet Pumpkin that has made the New England States famous for their pumpkin pies. It is a very fine grained, most delicious sweet-flavored sort. Splendid keeper. They average about 10 inches in diameter. Deep orange-yellow color. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.



LARGE SWEET CHEESE

Mammoth Tours—Immense size, often weighs 100 pounds. Oblong; skin green, good exhibition sort or for feeding stock. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

Kentucky Field.

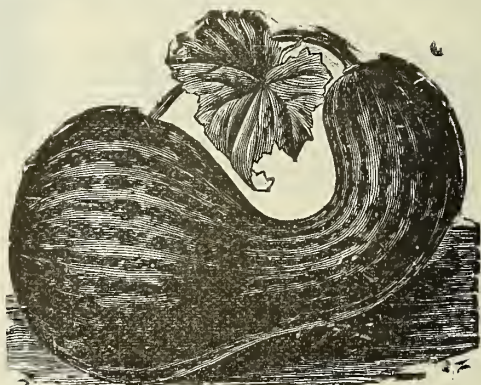
Large round, slightly ribbed; soft shell salmon color. Very productive and excellent for stock. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c. Larger quantities 35c per pound.

Striped Cushaw.

A great favorite. Beautiful in appearance; a distinct mottled green white striped. Fruit solid, average 15 to 25 pounds. Flesh yellow, fine grained, sweet and excellent for pies. Sells well on the market. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c. . .

TENNESSEE SWEET POTATO

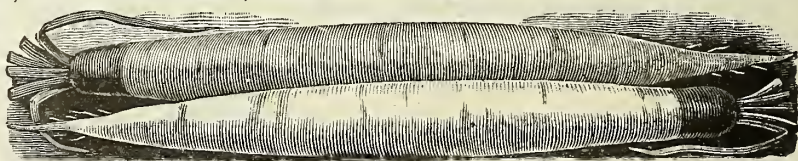
Medium sized, pear shaped, striped white and green; thick flesh and of good flavor. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c.



STRIPED CUSHAW

SALSIFY OR OYSTER PLANT

When cooking, boil the roots; when cold, mash and fry as patties or fritters. This vegetable is also good stewed, plain boiled, and also as a salad, sliced raw in vinegar with pepper and salt. Succeeds best, perhaps in light, well-enriched soil. Sow early in drills 18 inches apart. One oz., of seed will sow fifty feet of drill.



SALSIFY SANDWICH ISLAND

Mammoth Sandwich Island—Grows very large resembling good sized parsnips; well flavored, mild. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

R. & C.'S QUALITY RADISH SEED

CRIMSON GIANT

A variety extraordinary in that, while growing to an unusually large size, it is also tender, crisp and of mild flavor. It remains in perfect condition a remarkably long time, and unlike other forcing varieties, does not become pithy, even when twice their size in diameter. Root turnip-shaped, color, a beautiful crimson-carmine, flesh firm, crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Scarlet Turnip White Tip—Good sized radishes can be pulled in twenty days after sowing seed. Of fine round shape flesh pure white, and as a result of its quick growth, very crisp, mild and tender. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.

Early Scarlet Turnip—Of very quick growth and equally well adapted to either forcing or open air culture. The skin is a rich scarlet color the flesh snowy white and always mild, crisp and sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.

French Breakfast—This pretty Radish in color is bright red, tipped with white. It is oblong in shape and in quality is crisp and tender. A quick grower, and is still an exceedingly popular variety. Pkt., 5c oz., 10c; ¼ lb., 25c; lb., 65c.

White Lady Finger—The long White Lady Finger is a very handsome radish, a rapid grower and of excellent quality. While not as desirable as Icicle for forcing it has long been the most popular for open ground culture. It is slender and graceful in form, with delicate white skin and remarkably tender and brittle flesh. The flavor is mild and sweet. Pkt., 5c; oz., 10c. ¼ lb., 25c; lb., 65c.

REDING & CLARK'S WHITE ICICLE.

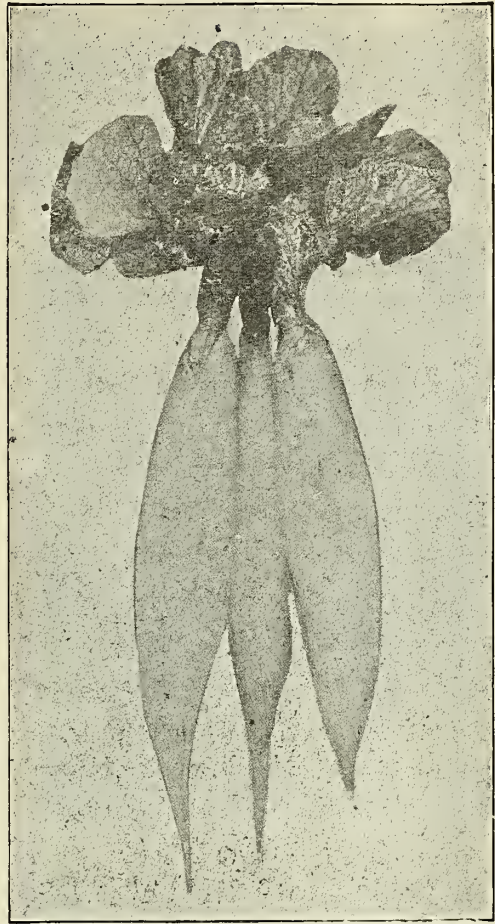
Our selected strain of this popular white Radish will insure you the finest flavored radish you have ever eaten. Excellent and profitable. Has few leaves and is better for forcing. The icicle radish is perfectly white in color and long and tapering in shape. It quickly grows to market size, is crisp and brittle, and of mild, sweet flavor. A fine variety for market and private gardeners, who have a demand for an early long white radish. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

White Strasburg Summer—Of good quality at all stages of its growth. When fully grown the roots are about five inches long and very thick at the shoulder. It never becomes tough or pithy, even in the hottest weather. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.

Chartier Summer—The roots are about an inch in diameter and six inches long. Color a bright red, shading to a white tip; flesh remarkably crisp and mild. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.

Long Brightest Scarlet, White Tipped—One of the brightest scarlet radishes known and a decided improvement in earliness and color over other varieties of this class. Roots mature in about twenty-five days from time of planting and continue in good condition until full grown. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.

Early Long Scarlet Short Top—The old stand-



REDING & CLARK'S WHITE ICICLE.

ard long red variety early and of excellent quality. This variety is largely used by market gardeners who consider it one of the most profitable sorts which they can plant. Also an excellent variety for home gardeners. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.

WINTER RADISHES

Long Black Spanish—One of the latest as well as hardiest of the radishes. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.

California Mammoth—It is pure white about one foot long and two or three inches through tapering regularly to the tip. The flesh is tender and crisp, keeping well through the winter. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.

Rose Colored China—Skin very smooth and of a bright rose color; flesh firm, crisp, tender and quite pungent. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.

MAMMOTH RUSSIAN SUNFLOWER

Single heads measure 15 to 20 inches in diameter, and contain an immense amount of seed, which is highly valued by all farmers and poultry breeders who have tried it as an excellent and cheap food for fowls. For poultry it is the best egg producing fruit known. It can be raised cheaper than corn, and is destined to be an article

of great value. Every farmer should plant some seed in any waste piece of ground any time from early spring to the middle of July. Three pounds of seed will plant one acre. Postpaid, pkt., 10c; lb., 20c; 3 lbs., 50c. By express or freight, lb., 15c; 5 lbs., 60c; larger quantities 10c per pound.

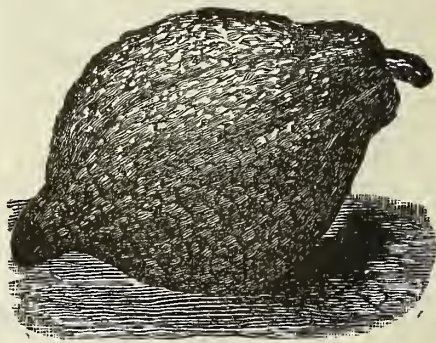
SQUASHES

DELICIOUS

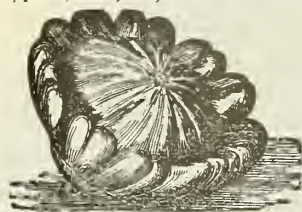
This squash is particularly excellent in quality and is now by many considered even better than the Hubbard which has been so long looked upon as the standard. Delicious as a fall and winter variety of medium size. The fruits are moderately hard, usually dark green but sometimes lighter in color and mottled, and are without any hard shell. The flesh is thick, very fine grained and bright yellow in color. Even when somewhat immature this squash is in fine condition for use and of finest flavor. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.

WARTED HUBBARD

One of the best of the winter squashes. Vines vigorous and very productive. Fruit large, heavy, moderately warted, with very hard shell, skin uniformly dark bronze green. Flesh bright orange-yellow, fine grained, thick, dry and richly flavored. Can be kept in good condition until spring. It is esteemed by many to be as good baked as sweet potato. Our stock is carefully selected in regard to quality of the flesh and color of the shell and is much superior to that commonly sold. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.



WARTED HUBBARD



Early White Bush.

Early White Scaloped Bush

The white "Pat-typan" or "Cym-lings", as it is called in the South. A very early and continuous bearer. Ships well. Color, light cream. A first class variety for

home and market growers. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

YELLOW SUMMER CROOKNECK

Best variety for the home garden in summer. Very productive bush form. Small crooked neck with warts. Shell very hard when ripe. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

SPINACH

For early use, plant the seed in August or September, in drills 12 to 14 inches apart. At approach of cold weather, cover lightly with straw or any handy litter. Uncover the plants when they begin to make a new growth in the spring. For summer use, sow early in spring. Thin to 3 or 4 inches. One ounce of seed for 50 feet of drill; 12 to 16 lbs., for an acre.

Bloomdale or Savoy—Highly popular with market gardeners. A crop of this variety weighs much heavier than any other variety. It grows very quickly. Fine for fall sowing. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

Long Standing—Of flat spreading, but compact growth, this sort is especially noticeable for its short stemmed dark green leaves which are heavily crumpled and savoyed. For marketing during the warm summer months, it is unsurpassed. Stands longer before going to seed than any other sorts of our list. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.



LONG STANDING

TOBACCO SEED

The importance of this crop in many sections makes the use of the very best seed an urgent necessity. We feel safe in stating that the quality of seed offered below is absolutely unsurpassed.

HAVANA

Used for cigar purposes, although sometimes used as a manufacturing sort. Has a very large, long, fine quality leaf; very early, making two crops a season in some sections. Best adapted to chocolate or rich gray soils. Pkt. 5c; oz., 25c; $\frac{1}{4}$ lb., 75c.

BIG ORONOKO

A very large and heavy variety for fillers and strips. Makes a wide, long leaf of dark color. Best adapted to rich alluvial and red-clay soils. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c.

IMPROVED WHITE BURLEY

Well-Known sort of great merit. Our strain is grown on the famous limestone fields of Tennessee. Only the choicest plants are set in the seed

plots, and special care and cultivation insures well matured seed of highest vitality. Careful handling, cleaning and curing of seeds as well as special attention to the crop throughout the season make this strain and seed unsurpassed. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c.

MISSOURI BROAD LEAF

A well-known standard sort; very large yielder, an ideal sort for home use. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c.

CONNECTICUT SEED LEAF

Our seed is Connecticut grown; a stocky plant; leaves not very long, but of good width; suitable for cigar fillers. Grown all over the United States. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c.

QUALITY TOMATOES

SPARK'S EARLIANA

Coming into the market early it commands top prices. It produces an abundance of remarkably solid fruit of uniform shape and rich, bright red color. The Tomatoes are borne in clusters and can generally all be gathered in about three weeks from the time the first fruit ripens. They are of good flavor and contain few seeds. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.00.

LIVINGSTON GLOBE TOMATO

The Finest Early Purple Tomato in Existence—Livingston's Globe Tomato is an extra good all-round sort of a distinct globe shape, with quite a large per centage of elongated fruits. It is a very beautiful variety.

It continues bearing desirable sized fruits until frost. Fruit is produced in clusters of three to five specimens. The plants are close jointed each bearing a large number of fruits of a beautiful glossy purple, invariably "as smooth as an apple," firm, solid, thick flesh with large meaty center. Quality is the best. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 70c; lb., \$2.25.

DWARF STONE

Dwarf Stone is Prolific—Single fruits often weigh 1 pound and are very meaty and solid. The shape of the fruit is perfect. The skin is free from cracks. The color is bright red. It is an exceedingly "tasty" sort, whether eaten raw from the hand or prepared in any way. You may set the plants of Livingston's Dwarf Stone as close as 18x24 inches and still produce an abundant crop. It is the variety "par excellence" where ground and space are valuable and it has become a great favorite. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

PONDEROSA

Our Seed is Genuine True Stock.

This is the largest and one of the most popular of all tomatoes and is of fine quality for slicing. The vines are of strong growth; fruits oblong in form and generally ridged or ribbed; deep purple in color. They are solidly fleshy with small seed cells; of fine flavor. Planted in good soil fruits frequently attain a weight of one pound or more. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., 90c; lb., \$3.00.

CORELESS.

Livingston's Coreless is a large, main-crop, globe-shaped, bright red variety, which will be a strong competitor with all old varieties. In shape it is almost round being about the same diameter each way. The depression at the stem end has been almost eliminated, making it the most profitable variety for canning. It is immensely productive, clusters of four to seven fruits are produced at 6 to 8 inches apart along the stem. All of the fruits are of marketable size and many of them are quite large—12 to 15 ounces. Always free from green core. A good slicing variety, the seed cells being surrounded by bright red, heavy, meaty and delicious flesh.

Ripens all over and through and right up under the stem all at the same time. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00.

JUNE PINK

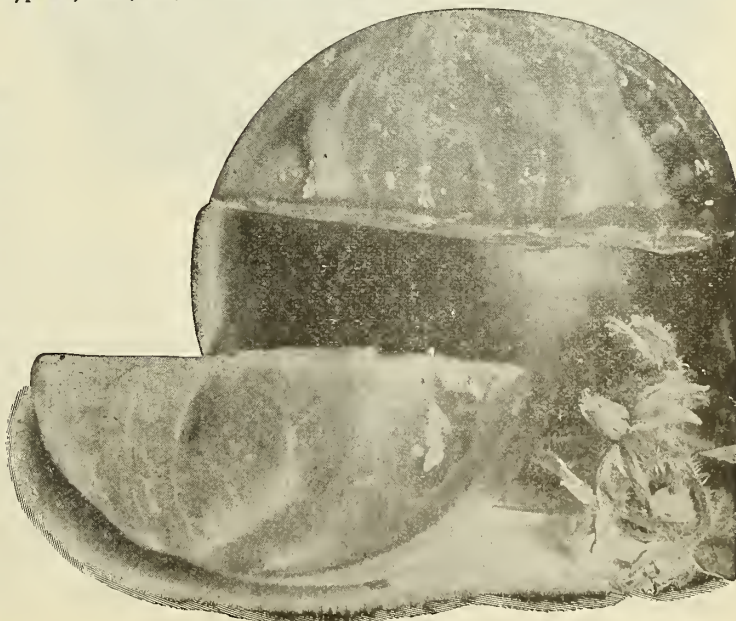
Ripens as early as Spark's Earliana. It is an enormous bearer, clusters of six to ten fruits being borne frequently. The fruit is of medium size, uniform, smooth and attractively shaped. It will average 2¾ to 3 inches in diameter and 2 to 2½ inches in depth. In color it is a bright pleasing pink and in markets where a pink Tomato is desired will bring more in price than any red variety. Pkt., 5c; oz., 25c; ¼ lb., 65c; lb., \$2.25.



LIVINGSTON'S GLOBE

DWARF CHAMPION

This famous Tomato is a favorite home garden variety. Its stiff, upright stocks are so sturdy as to hold the fruit well above the soil. It is earlier than large sorts. Pkt., 5c; oz., 25c; ¼ lb., 70c; lb., \$2.25.



CORELESS.

QUALITY TOMATOES, CONTINUED

BEAUTY

Special Extra High Grade Quality Seed. Our special strain seed of this variety cannot be excelled. Of a very glowing crimson in color with a tinge of purple. It attains its size later in the season than other good sorts. In shape it is perfectly spherical. It has a thick skin and hence is not as liable as some other varieties to crack just after a rain. It has more solid flesh and fewer seeds than the average kinds and is less inclined to rot. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.75.

GENUINE STONE

The Greatest Canning Tomato in the World

The largest bright red, perfectly smooth, high-yielding, best keeping, finest flavored main-crop variety in existence.

Dealers and planters everywhere recognize the merit of the Stone. More Stone Tomatoes are grown every year than any other half dozen varieties taken together. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

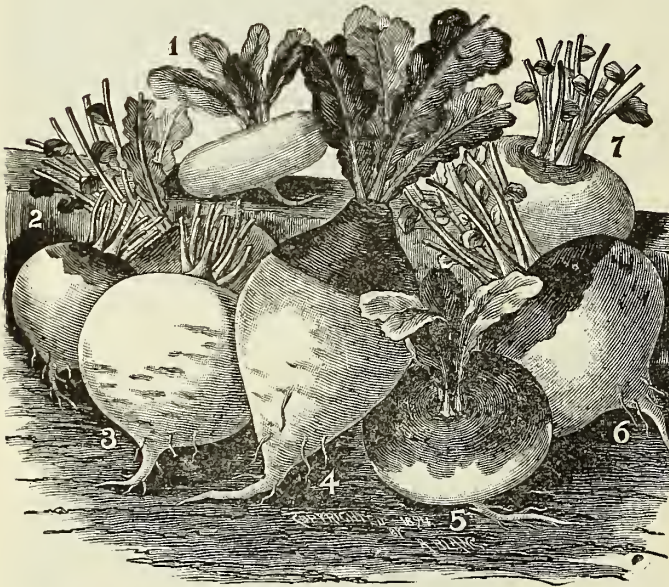
Small Fruited Tomatoes—Excellent for preserves, pickles and pies, etc.

Red Cherry, Yellow Plum, Red Pear Shaped,



Yellow Cherry, Yellow Pear Shaped.—All the above at pkt., 5c; oz., 20c; ¼ lb., 60c.

TURNIPS



Red Top White Globe.

One of the handsomest and most profitable turnips unsurpassed for either home or market use. It is a large rapid growing sort with globe shaped roots, purple at the top and white underneath. It is of the same character and habit as the Purple Top Flat but owing to its great size, will produce twice as much to the acre. Oz., 5c; ¼ lb., 15c; lb., 50c.

White Globe—Immense white globe shaped roots in rich ground, frequently attain the weight of 12 lbs. Considering this size it matures early. A very good autumn variety for both table and stock. Oz., 5c; ¼ lb., 15c; lb., 50c.

Cow Horn, or Long White—This variety is clear white, except a little shade of green at the top of the root, which is long and carrot-like in form, cylindrical but usually ending in a point and slightly crooked. Oz., 5c; ¼ lb., 15c; lb., 50c.

SPRING OR SUMMER VARIETIES.

Extra Early Purple Top Milan.

One of the earliest sorts in cultivation. Bulb very flat, medium size, quite smooth, with a bright purple top; leaves few, short and light color grows compact and makes exceedingly small strap leaved top. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

New White Egg—This is certainly one of the very choicest and finest varieties; comparatively new and producing beautiful egg shaped turnip. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

Improved Early White Flat Dutch—Excellent early garden variety and very much used. The roots are of medium size, very flat and the color white. Very early, sweet and tender. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

FALL VARIETIES

Purple Top Strap Leaf—A well known popular variety, either for family or market use; large size; white-purple above ground, flesh fine grained grows quickly and is as good for winter use or late planting, as it is early. Oz., 5c; ¼ lb., 15c; lb., 50c.

Amber Globe—A medium sized, round, late maturing, yellow fleshed turnip. The roots are yellow with purple top. The flesh is pale yellow in color, of very firm texture, approaching the Ruta Baga in this regard, but tender and sweet. The variety is hardy productive and especially valuable for stock feeding. Unequalled for its long keeping qualities and therefore particularly desirable for late winter and spring use. Oz., 5c; ¼ lb., 15c; lb., 50c.

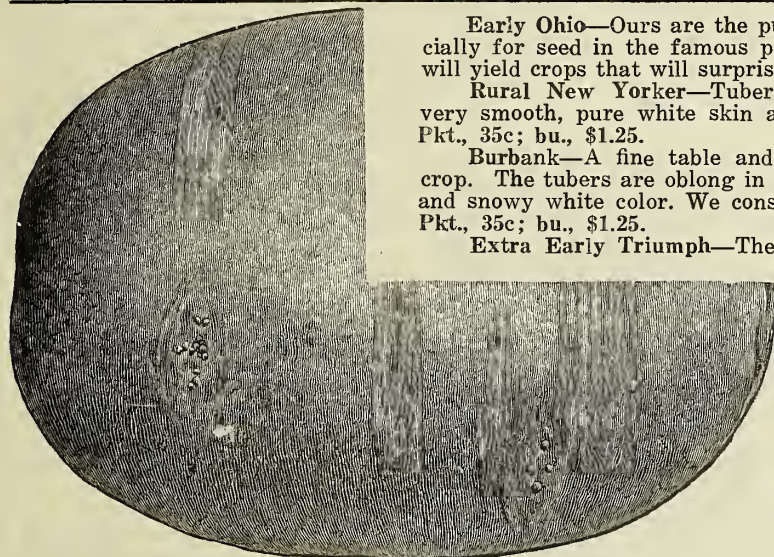
RUTA BAGA

American Yellow Purple Top—The most satisfactory variety for either family use or stock feeding. It is hardy, productive, sweet, solid and of fine quality. It keeps perfectly all winter and into the following summer. Oz., 5c; ¼ lb., 15c; lb., 50c.

QUALITY RED RIVER SEED POTATOES

SEED POTATOES—Grown in the famous Red River country of the north, are ahead of all others for quick early maturity, vigorous and great productiveness. There is no other place that can compare with the Red River country of the north in producing the finest seed potatoes, Seed grown there always produces a vigorous growth, early maturity and large smooth tubers. Our entire stock is grown in the famous Red River country, and you can depend on a sure crop if you buy your seed from us.

As the price of Seed Potatoes varies with crop conditions, we give here the ruling price at the time our catalogue is issued, January 15th. Please write for firm prices on quantities.



EARLY OHIO

Early Ohio—Ours are the pure Ohio, carefully grown especially for seed in the famous potato country of the North and will yield crops that will surprise you. Pkt., 35c; bu., \$1.25.

Rural New Yorker—Tubers nearly round flattened, with very smooth, pure white skin always attractive in appearance. Pkt., 35c; bu., \$1.25.

Burbank—A fine table and long keeping potato for main crop. The tubers are oblong in shape, flesh solid, of good flavor and snowy white color. We consider this one of the best main Pkt., 35c; bu., \$1.25.

Extra Early Triumph—There is good reason why the Triumph should be popular. It is from seven to ten days earlier than the Ohio, and that oftentimes means a difference of many dollars in the crop. The potato is of good size, squared at ends. Skin is red, flesh is very white and firm. Very productive. Pk., 40c; bu., \$1.35.

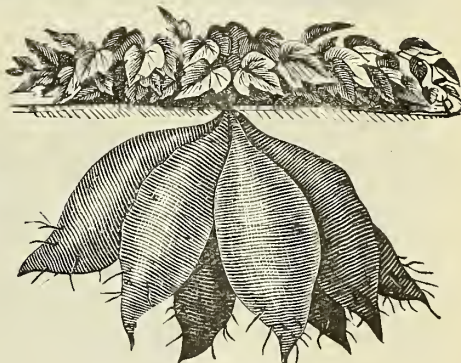
Early Red River Rose—Medium early in season, large pinkish white, rather long, great yielder and fine quality. pk., 30c; bu. \$1.10.

SEED SWEET POTATOES AND PLANTS

BIG STEM JERSEY

THE QUALITY YELLOW SWEET POTATO

The color outside is Old Gold and is very attractive. Inside very rich yellow. The table quality is unsurpassed. In appearances unexcelled; all seeming to shape up well whether large or small. (In fact there are not many small ones in them.) Their color the richest yet; their table qualities second to none; their keeping qualities are among the best. Will grow more potatoes on poor land, with less fertilizer than any other variety we have ever seen. They sell readily in any market. We have sold this variety a number of seasons and will say that we know of nothing better in Sweet Potatoes. Postpaid, lb., 10c; 3 lbs., 25c. By express or freight ½ pk., 25c; pk., 45c; bu., \$1.65.



BIG STEM JERSEY

PROVIDENCE

THE SATIN SKIN SWEET POTATO

In color the Providence is satiny red, skin smooth, and potato even in shape and size. The flavor is exceedingly fine and flesh very tender and sweet, not stringy. One of the best yielders, making good yields on any ground not too poor. As a market variety the Providence is sure to become a winner. Postpaid, lb., 10c; 3 lbs., 25c. By express or freight ½ pk., 30c; pk., 50c; bu., \$1.90.

EARLY GOLDEN

An early variety of especial merit. Skin light yellow. Flesh whitish yellow, and very solid. Because of its earliness a fine market variety. Postpaid lb., 10c; 3 lbs., 25c. By express or freight, ½ pk., 25c; pk., 45c; bu., \$1.65.

Southern Queen—A large white potato of good flavor and a good yielder. Postpaid lb., 10c; 3 lbs., 25c. By express or freight ½ pk., 25c; pk., 45c; bu., \$1.60.

We also carry the following standard varieties. Red Bermuda, Red Jersey, Yellow Yam.—Price ½ pk., 25c; pk., 45c; bu., \$1.60.

Yellow Nausemond and Yellow Jersey.—Price pk., 40c; bu., \$1.50.

SWEET POTATO PLANTS

Yellow Nausemond and Yellow Jersey.—Price 100 for 35c; 300 for \$1.00. By express not prepaid 100 for 20c; 1000 for \$1.75.

REDING & CLARK'S QUALITY SEED CORN

OUR SEED CORN GUARANTEE

We guarantee each variety of our seed corn to be exactly as represented, and if on arrival and examination you are not perfectly satisfied just ship it back and we will gladly refund your money and pay freight charges both ways.

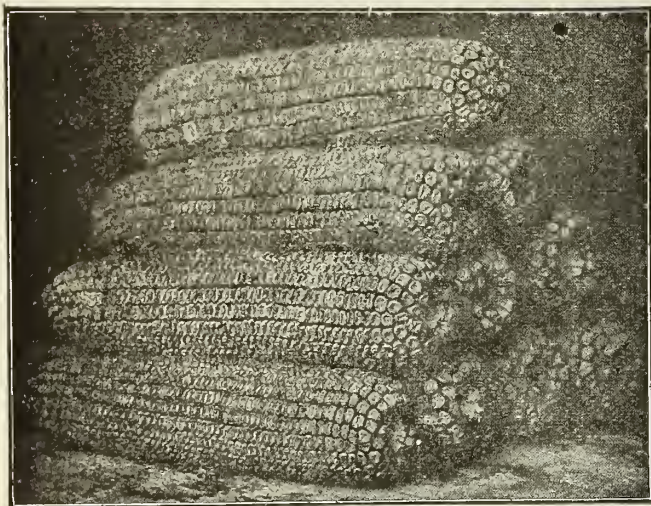
Quality Seed Corn is one of our specialties, and we take much pride in the numerous testimonials we have received from our many customers, praising the fine seed we have sent them, and the increased yields they have made by planting our seed.

The varieties of seed corn we offer are selected with the greatest care, and you will find them true to name, the seed nubbed and tipped, graded, tested for germination, and sure to please you. We certainly have the finest grade of seed this season we have ever carried. All fine plump grains, well cured and the highest quality in every particular.

Send your orders early, whether you only want a pound for trial, or enough for your whole planting. We will see that the seed reaches you promptly.

REDING & CLARK'S JUMBO

A GRAND LARGE EARED, DEEP GRAINED YELLOW CORN



REDING & CLARK'S JUMBO

R.&C.'s Jumbo combines all of the good points found in other large eared varieties as well as special points of its own, such as extremely deep kernels, strong rugged stalks, very profuse, wide blades, making it one of the best ensilage, as well as a fine large yielding feeding variety.

Large ears having 18 to 20 rows of grains. Length from 9 to 11 inches. Very deep grains. Color yellow. Kernels dented and rows run very even on the cob. Matures in 110 days. This corn as a whole, is indicative of its name and will certainly surprise you by the depth of its large kernels, the amount of shelled corn from a bushel of ears, and its yield per acre.

This corn looks good to us and we recommend our friends to try it. If you want the best big eared corn grown with large, heavy, deep grains, a yellow corn that is strictly right, plant Jumbo. Postpaid Pkt., 10c; lb., 15c; 3 lbs., 35c. By express or freight, qt., 15c; pk., 60c; bu., \$2.10. Larger quantities \$2.00 per bushel.

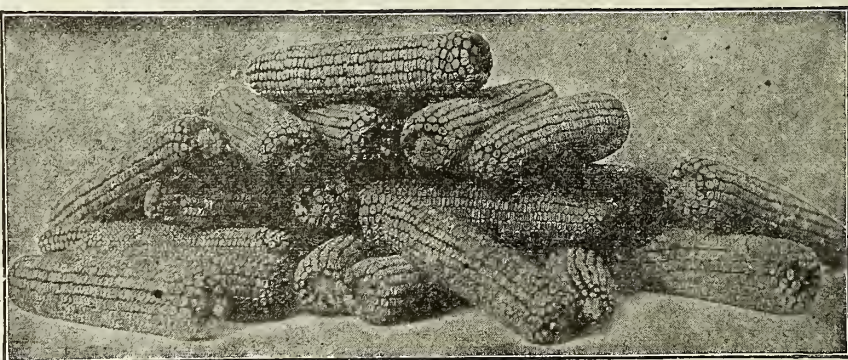
REDING & CLARK'S GOLDEN ROD

Grains as yellow as gold. A revelation in an early Big Yielding Yellow Corn.

R.&C.'s Golden Rod Corn will outyield any early yellow corn you have ever grown. The best money making variety you could possibly plant.

R.&C.'s Golden Rod corn has the deepest grains, and will shell out 62 to 64 pounds of shelled corn to the 70 pound bushel of ears.

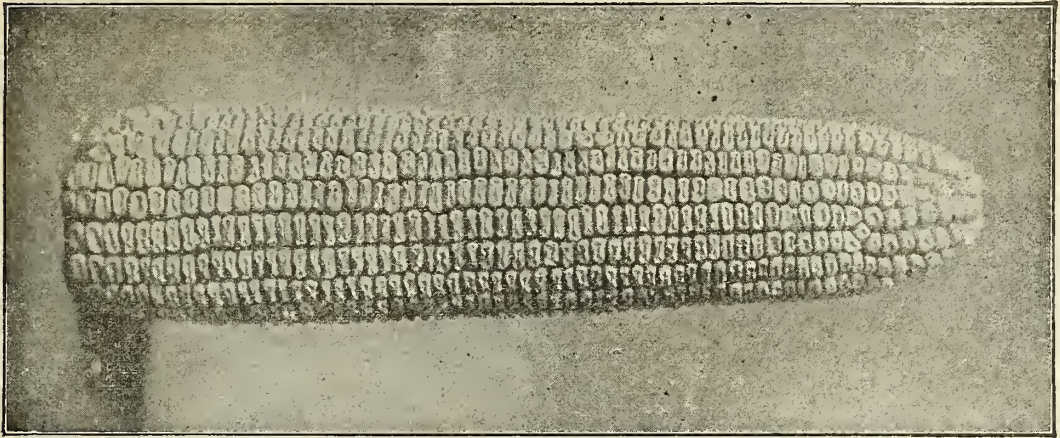
Description—Matures in 95 days. Ears 9 to 10 inches in length and



REDING & CLARK'S GOLDEN ROD

grow just the right height, $3\frac{1}{2}$ to 4 feet high on the stalk; stalks 7 to 9 feet tall, depending on the ground. Blades broad, and lots of them. Grains very deep and as yellow as gold. Rows straight as a string, cob very small, and on this account the ears dry out very fast. No barren stalks. Each stalk produces one to two ears of the finest yellow corn that is possible to imagine; This corn will fill your crib. Resist drought better than any other variety we know of. Order early and when the seed reaches you, if you don't say it is the finest yellow corn you have ever seen, just send it back and we'll pay freight charges both ways. Postpaid, Pkt., 10c; lb., 15c; 3 lbs., 35c. By express or freight, qt., 15c; pk., 60c; bu., \$2.10. Larger quantities \$2.00 per bushel.

IOWA GOLD MINE



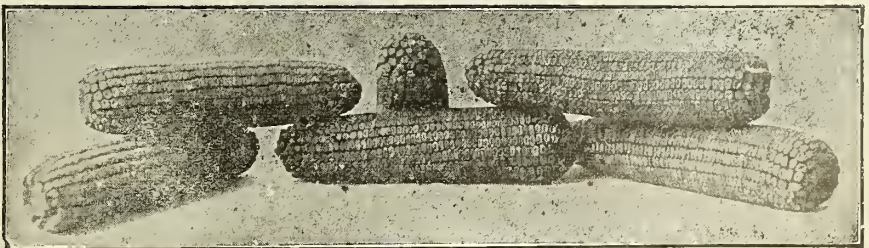
Iowa Gold Mine is a medium early, ripening between the extra earlies and late varieties. Is a favorite with every farmer who has ever planted it. Ripens in about 100 days, ears good medium size, with very deep grains of the purest yellow gold it is possible to conceive, cobs very small, therefore dries out quickly. One bushel 70 lbs., of ears will shell out sixty to sixty-two pounds of shelled corn. Produces almost no barren stalks at all, each stalk bearing from one to two ears averaging nine to ten inches in length. Iowa Gold Mine is the best known of all yellow varieties, and has succeeded in more states and foreign countries than any other variety. Our seed of this variety for this season is certainly fine. Postpaid Pkt., 10c; lb., 15c; 3 lbs., 35c. By express or freight, qt., 15c; pk., 50c; bu., \$1.90; 2 bu., \$3.50.

GOLDEN BEAUTY

The ears are of perfect shape, with from 12 to 14 straight rows of bright golden yellow grains, remarkable in size and filled out completely to the extreme end of the cob. The richness of color and fine quality of grain make it vastly superior for grinding into meal. The grains are not of a hard, flinty nature, neither are they so soft as to be greatly shriveled. The ears are easily shelled, although the kernels are firm on the ear, and in every respect as perfect a type as could possibly be had. Golden Beauty matures in 100 to 110 days from planting and surpasses all in size and beauty of grain. Postpaid Pkt., 10c; lb., 15c; 3 lbs., 35c. By express or freight, qt., 15c; pk., 60c; bu., \$2.00; 2 bu., \$3.75.

REID'S YELLOW DENT

Reid's Yellow Dent has been bred up and selected with painstaking care to what is at the present one of the best varieties of yellow corn grown. Ear medium in size, remarkably uniform, and of bright yellow color, with solid deep grain and small red cob. Has from 18 to 24 rows of kernels on the cob. 50 to 60 grains in the row, and fills well over the ends, especially the butt, leaving a small shank, which makes it a great favorite with huskers. Best shredding sort, as it shatters the least of any by actual test. Reid's Yellow Dent



REID'S YELLOW DENT

Corn has won more blue ribbons at the large corn shows than any other variety. Postpaid, pkt., 10c; lb., 15c; 3 lbs., 30c. By express or freight qt., 15c; pk., 50c; bu., \$1.90; 2 bu., \$3.75.

BLOODY BUTCHER

This productive, large kernalled corn matures in about 120 days from planting. The ear tapers slightly, is well formed, and averages 9 to 11 inches long 7½ to 8 inches in circumference, and weighs 14 to 18 ounces, each. The ears contain

14 to 18 rows of beautiful dark red kernels, capped slightly with yellow; large size; set closely on a white cob of medium size, with a well developed ear shank. It is a good drouth resister. Postpaid pkt., 10c; lb., 15c; 3 lbs., 30c. By express or freight qt., 15c; pk., 50c; bu., \$1.90; 2 bu., \$3.75.

BOONE COUNTY WHITE

A very large, fat, heavy ear, tapering only slightly from butt to tip, rounding off nicely within an inch of the top; eighteen to twenty-four rows of about fifty kernels each, carried out to the full length of the ear.

Tips and butts that are exceptionally well filled out, so little waste space is there between the kernels that the entire surface of the cob is completely covered with practically a solid layer of grains one-half to three-fourths of an inch deep.

A white cob of only medium size, which, together with the depth of grains, gives it a remarkably high shelling percentage. Kernels that are of ideal shape, creamy white color, moderately rough with large germ. A very strong vigorous stalk, eight to ten feet high. Matures in about 110 days. Postpaid Pkt., 10c; lb., 15c; 3 lbs., 30c. By express or freight. Qt. 15c; pk., 50c; bu., \$1.90; 2 bu., \$3.75.



BOONE COUNTY WHITE

REDING & CLARK'S WHITE GIANT

The One Best Big White Corn for Good Soil.

If you have an extra good piece of land and want to make a record breaking yield plant white Giant.

White Giant has out-yielded any variety of White Main-crop corn planted in this section.

Description—Matures in about 110 days. Ears extra large averaging 20 rows of Pure white deep kernels, weight of ears one to one and one

fourth pounds each. Stalk very large, and covered with broad blades, making it an excellent ensilage variety. Root growth very strong, filling soil with a great net work of feeders. Length of ears average 10 to 12 inches. White Giant corn with its large ears and big yields is the best main crop white corn we know of. Postpaid, Pkt., 10c; lb., 15c; 3 lbs., 30c. By express or freight qt., 15c; pk., 60c; bu., \$2.10; 2 bu., \$4.00.

ST. CHARLES WHITE

The St. Charles White is a pure variety of white corn set on a red cob, and this corn appears to make a finer and better grade for milling purposes and for corn meal than almost any other sort. The ears are usually eight to ten inches long, 16 to 18 rows of deep broad kernels being

rounding. The stalk grows from 7 to 8 feet high and having broad succulent blades, thus making it very desirable for grain, fodder or for ensilage purposes. Postpaid, pkt., 10c; lb., 15c; 3 lbs., 30c. By express or freight, qt., 15c; pk., 50c; bu., \$1.90; 2 bu., \$3.75.

IOWA SILVER MINE

Stalk grows to height of about seven or eight feet, and sets the ears about three and one-half to four feet from the ground. The ears are very uniform in size and shape, with sixteen to twenty straight rows of deep, pure white kernels set on small, white cob, and ears are well filled out over the tips. It is early, maturing in ninety-five

days. The cob dries rapidly, so that it is ready for market earlier than any other standard white field corn. It is adapted to a wider range of soil and climate than any corn ever offered. It is a distinct type, hardy and a great drought resister. Postpaid, pkt., 10c; lb., 15c; 3 lbs., 30c. By express or freight, qt., 15c; pk., 60 c, bu., \$2.00 2 bu., \$3.90.

COMMERCIAL WHITE

A strong vigorous grower maturing very early for so large a sort, free from barren stalks, The ears are large, pure white, well filled out at butt and tip, reasonably small stem, ears have sixteen to twenty rows of deep grains. Ears eight to twelve inches long and seven to eight inches in circumference. Matures in 100 to 110 days.

In this section of Missouri, Commercial White has done exceptionally well, all who have grown it are well pleased with the results obtained.

Our Seed Stock of this variety is exceptionally fine this season. Postpaid, pkt., 10c; lb., 15c; 3 lbs., 30c. By express or freight. qt., 15c; pk., 60c; Bu., \$2.00; 2 bu., \$3.85.

HICKORY KING

This white field corn has the largest grains, with the smallest cob of any white corn, so large are the grains and so small the cob that on an ear broken in half a single grain will almost completely cover the cob section. Of strong

growth, the stalks take a firm hold in the ground and stand upright. It yields splendid crops on light soil. Frequently grows with two ears to the stalk. Pkt., 10c; lb., 15c; 3 lbs., 35c. By express or freight, qt., 10c; pk., 60c; bu., \$2.00.

SEED POP CORN (SHELLED)



Prices of all varieties except where noted, Postpaid, pkt., 10c; lb., 15c; 3 lbs., 40c. By express or freight lb., 10c; 10 lbs., 75c. Larger quantities at 6c per pound.

A very profitable crop both for old and young people. Let the boys and even the girls plant an acre or two of pop corn, they will find it very profitable. Our seed is especially selected for purity and is perfect germination.

SELECTED WHITE RICE

Our stock of this variety is choice, having been selected very carefully for many years. This variety is the best for popping; grains pointed; pops full and white; ears large sized, very handsome; productive; excellent quality; very crisp and delicious.

TOM THUMB

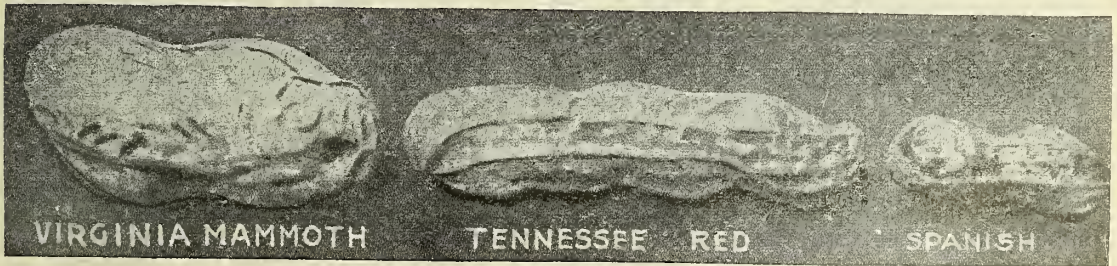
The Tom Thumb is a dwarf growing, White Rice Pop Corn. Is ready for popping, soon after it is husked. It is almost hullless and when popped there is absolutely no hard center. The stalks grow about five feet high and bear 2 or 3 perfect ears each. Ears are very uniform in size and nearly white in color. Postpaid, pkt., 10c; lb., 25c; 3 lbs., 65c.

QUEEN'S GOLDEN

The largest sort, Stalks grow 5 feet to 6 feet high, producing two to three large ears each. Pops perfectly white. The yield of this variety in ear corn to the acre is equal to any of the larger varieties, as it can be planted much closer than larger varieties of corn.

WHITE PEARL

A smooth white pop corn of excellent popping qualities. Ears not as large as Queen's Golden or White Rice, hence, not so valuable for a market crop.



PEANUTS

Plant six to eight quarts of shelled nuts to the acre. The peanut does best in light, sandy soil, tolerably high. They should be planted in April in rows three and a half feet apart and two feet apart in the row. Drop two or three good peas in each hill, cover about two inches.

TENNESSEE RED

The finest varieties grown, especially adapted to black waxy land, as well as sandy soil. The nuts contain from two to four large kernels each and are enormously productive. Vines grow upright in bush form and are very desirable for hay. Postpaid pkt., 10c; 1 lb., 20c; 3 lbs., 50c. By express or freight lb., 15c; 5 lbs., 60c; bu., (30 lbs.) \$2.85.

JUMBO OR VIRGINIA MAMMOTH

This variety grows to an astonishing size and

does extremely well in our State. The plants make compact bushes, about 18 inches high, with heavy erect stalks and large leaves. The giant nuts have thick, heavily ribbed shells. Postpaid, pkt., 10c; one lb., 20c; 3 lbs., 50c. By express or freight lb., 20c; 5 lbs., 75c; bu., (22 lbs.) \$2.50.

SPANISH PEANUTS

In addition to their value for growing for the nuts, these are very largely used in the South as a forage and fattening crop for hogs and other stocks. They are early to mature and very productive. In harvesting, the nuts hang to the vine and tops and nuts are fed together to hogs, cows and horses as a whole grain ration. While the nuts are smaller they are very much sweeter than the larger sorts. Postpaid, pkt., 10c; lb., 20c; 3 lbs., 50c. By express or freight, lb., 15c; 5 lbs., 60c; bu., (30 lbs.) \$2.50.

QUALITY NEW CROP RECLEANED GRASS AND CLOVER SEEDS

PRICES GIVEN INCLUDE SACKS FREE

We have a modern, strictly up to the minute recleaning plant, and pride ourselves on the high grade Grass, Clover and Field Seeds which we are able to supply.

NOTICE—Prices on Grass, Clover, Alfalfa, Millet Seed and all field seeds are so fluctuating in value that it is impossible to fortell future prices. Prices given in this catalogue are those ruling at the time it goes to press, during January, better write for firm prices, a week or so before you need the seed. We will take pleasure in quoting lowest possible prices, and if you wish we'll gladly mail samples for your inspection.

If you are in a hurry for the seed, send in your order, and if the price of the variety or varieties you want is lower than catalogue price, we'll gladly put in enough extra seed to give you full value for your money. If price is some higher, we will ship full value for every cent you send.

SWEET CLOVER (*Mellilotus Alba*)

WHITE BLOSSOM VARIETY

Sweet Clover is valuable because of its ability to grow and thrive on the poorest and most barren places. It will not only thrive on soils that are too poor for any other crop but will improve the soil it is growing on. It makes good hay and good pasture. It resembles Alsike Clover in that it can grow on moist soils.

Its ability to improve the soil, together with its ability to thrive on very poor soil, makes it especially valuable as a pioneer crop on poor, run down, badly washed fields.

"Sweet Clover hay has much the same feeding value as Alfalfa, and more than that of Red Clover. Animals show a market fondness for the hay after becoming accustomed to it (which by the way is usually a matter of education.) Its ability to improve soils lies not only in gathering nitrogen from the air and storing it in the earth where grown, as do other legumes, but also in its uncommonly large roots penetrating to considerable depth, perforating and sub-dividing the subsoil. Decaying they contribute humus and the innumerable openings they cause admit air, light and moisture. Used for green manuring, its value as a soil improver is still greater. Those who have had experience with it are praiseful of Sweet Clover for pasture and hay. It provides early

and late grazing about equal to Alfalfa and Red Clover, but without their tendency to bloat. In the second year after planting it is ready to graze upon as early as mid-April and may be used the first year until killing frost."

The seed can be sown either in the fall or spring and about 20 lbs. of the hulled seed and 25 lbs. of the unhulled seed is required per acre.

We carry both the hulled and unhulled seed. About the only difference in the two is that the hulled seed will Germinate a little quicker.

Hulled Seed, Quality Grade. Postpaid Pkt., 10c; lb., 30c. By express or freight, lb., 25c; 10 lbs., \$2.25. Larger quantities, 20c per lb.

Unhulled Seed, Quality Grade. Postpaid, pkt., 10c; lb., 25c. by express or freight, lb., 20c; 10 lbs., \$1.85. Larger quantities 16c per lb.

MEDIUM RED CLOVER

This is the most important of all clovers and the standard everywhere for hay and pasture. It is known as common Red or June Clover in many sections. Our Quality Grade clover seed has become widely known for its purity, strong vitality, hardiness, vigorous and healthy growth, and stooling qualities. Well-posted farmers are beginning to appreciate the difference between Quality high grade and low grade, weedy, trashy seed that would be dear at any price. Our Quality Grade is the Cleanest, Plumpest Purest grade of high germination. Postpaid, lb., 35c. By express or freight lb., 30c; 10 lbs., \$2.65; bu., \$13.90.

Alsike or Swedish Clover

Hardest of all clovers. On rich moist soil yields large quantities of hay or pasture. Will thrive in soils which are so wet that the common Red Clover would not live. Unlike some of the other clovers, which have tap roots. Alsike has many fibrous roots, hence is not injured by freezing and thawing of the ground. Esteemed highly by the Bee Keepers. Postpaid, lb., 35c. By express or freight, lb., 30c; 10 lbs., \$2.25; bu., \$11.50.

WHITE CLOVER

A small headed white species exceedingly desirable for mixing with lawn grass seeds. Although it is not a heavy producer. It is of great value for use in permanent pastures, as it affords a most

nutritious food for sheep and cattle. This variety will succeed in almost any soil. About six pounds are sown to the acre. Postpaid, lb., 65c.

MAMMOTH OR SAPLING CLOVER

Similar to Red Clover, the difference being that it usually grows larger and is later in maturing. It is considered superior as an improver of soils on account of the extra growth. It is a good variety for thin soils, or to seed with Timothy or Red Top as it matures about the same time as these grasses. Sow ten to twelve pounds per acre by itself or with Timothy. Postpaid lb., 40c. By express or freight, lb., 35c. 10 lbs., \$2.75; bu., \$14.25.

CRIMSON CLOVER

Adapted only for late summer and fall seeding. Makes an excellent hay crop and a splendid soil-improving crop to plow under early to be followed by corn, or other crops of the same year.

A crop of Crimson clover plowed under is equal to an application of stable manure. It makes land rich and mellow, fills it with humus or vegetable matter and increases the yield of corn, or other crops which follow it, to a wonderful extent. Sow at the rate of 15 lbs., per acre, broadcast in July or August or September. Postpaid, lb., 25c; By express or freight lb., 20c. Larger quantities 16c per pound.

ALFALFA, The Profitable Hay Crop

Yields Three to Four Cuttings a Year

Alfalfa will yield more cuttings and larger yield of splendid, nutritious hay, on soils to which it is adapted, than any other crop.

After Alfalfa is once established it lasts for years, yielding three or four cuttings per season, of most excellent and nutritious hay. Alfalfa will do well on any good loam soil, but the land must be well and thoroughly prepared. A heavy application of lime is of decided benefit, the most successful raisers of Alfalfa using as much as 2,000 to 5,000 pounds per acre. It is also preferable to sow Alfalfa on land that has a porous or gravelly sub-soil that the roots can penetrate. Alfalfa is a deep-rooting plant, and will give best results on soils of this character.

BEST TIME AND METHODS OF SEEDING—Alfalfa can be sown in this section in the spring, any time during April. A satisfactory stand secured from spring seeding will furnish one or two good cuttings this year, and full cuttings the following year. Alfalfa should always be cut before coming into full bloom, and from seed sown either in the fall or spring the first cutting should be made even before it reaches this stage of development. Cutting thickens Alfalfa, provided it is done before the plant attains its full growth, and it not only makes a better quality hay, but causes it to stool out better, thus thickening the root growth and improving the stooling-out properties.

The seed is usually sown broadcast, at the rate of 20 lbs. to the acre. When sown in the fall, August and September are the best months for seeding. A firm seed bed is of first importance.

Owing to a short seed crop the past year Alfalfa seed is much stronger in price for this season. Considering Quality, you will find our Quality Grade Seed to be as cheap in price as it is possible to procure the highest grade, native grown Seed, postpaid lb., 35c; 3 lbs., for 90c. By express or freight, 10 lbs., \$2.15; bu., \$12.00.

out or winter-kills, and is very little affected by drouth. It grows well in loamy lands and clays, having fibrous roots running down eight to fifteen inches in the soil. Quality Grade, Postpaid, lb., 25c. By express or freight lb., 20c; 10 lbs., \$1.60. Larger quantities at 15c per pound.

TIMOTHY

Is so well known that it needs hardly any description. There is scarcely a variety of natural or tame grass that is so generally cultivated as this. It is suited to moist, rich land, where it grows to perfection and yields under favorable circumstances large crops of hay. If cut in season, which is at flowering time, it makes a most splendid nutritious hay. Not so good for pasture as its growth, is not thrifty and close pasturing is injurious to it. Quality Grade, Postpaid, lb., 20c. By express or freight, bu., \$3.90; 100 lbs., \$8.50.

RED TOP

This grass is especially suited to low, wet, spouty lands; is in fact the only grass which is a real success on such soil. It stands our winters, can be sown on wet land without cultivation, and will catch. Into the wet soil it spreads its network of roots, tames the land and in a few years makes a deep substantial sod. Red Top is fast becoming recognized as one of our best pasture grasses, producing a great amount of fine pasture and withstanding a world of hard tramping.

Red Top is also very fine for lawns. Quality Grade, Postpaid, lb., 25c. By express or freight, lb., 20c; 10 lbs., \$1.90; larger quantities at 18c per lb.



ALFALFA

ORCHARD GRASS

Orchard Grass is a very vigorous grower, and will last for years in increasing value with proper treatment. It is succulent and nutritious, and when mowed requires only a few days of seasonable weather to start it growing again. Orchard Grass is excellent as a pasture grass, and succeeds in shady situations, such as orchards, parks, etc., better than most other grasses. Orchard Grass succeeds and grows upon nearly all soils that are not saturated with water. It does best, however, on loamy uplands or moderately stiff soils, although it will succeed very well even on soils that are inclined to be of a sandy texture. It matures early, and is excellently adapted for sowing with Red Clover, and this mixture is very highly recommended.

Orchard Grass can be sown either in the spring or fall, although it is best sown in the spring. Sow at the rate of 1 to 1½ bushels per acre. Quality Grade, postpaid, lb., 30c. By express or freight, bu., (14 lbs.) \$2.60; 100 lbs., \$17.50.

Meadow Fescue or English Blue Grass

Meadow Fescue—Adapts itself to different conditions of soil and climate and does well all over the United States and Canada. It gives a large amount of early and late feed of good quality, and yields from one to two tons of hay per acre, which is of fine quality and very nutritious. As a pasture grass it is particularly valuable, as it is a persistent grower, and one of the earliest in spring and the latest in the fall. It rarely freezes

R. & C.'S "PERFECT" LAWN GRASS SEED

Absolutely the best Lawn Grass Seed that experience can suggest or money can buy

A smooth, velvety lawn surrounding a house adds not only to the value, but enhances the enjoyment of every home, whether it be in city, town or country. When properly made, a lawn is the best investment a home owner can make. The following suggestions may be of benefit, especially to those who are about to make a new lawn.



The most important thing to consider in selecting seed for lawn grass is to obtain a proper mixture of several varieties, for the reason that each variety is at its best during a certain part of the season. By properly choosing early, medium and late grasses, a smooth even green lawn is assured from early spring to late autumn. With this fact in mind our Perfect Lawn Grass Seed is scientifically combined. Our experience has given us an intimate knowledge of grasses, their habits and re-

REDING & CLARK'S "PERFECT" LAWN GRASS SEED.

quirements. In our Perfect Lawn Seed are included only the very best varieties—pure, clean and free from fowl seed. For New Lawns sow 1 pound to each 25 feet square. Postpaid, lb., 30c; By express or freight, lb., 25c; 10 lbs., \$2.25; larger quantities, 20c; per pound.

KENTUCKY BLUE GRASS

The universal pasture grass of America and the finest lawn grass in the world is our own Kentucky Blue Grass. It starts like magic with the first smile of spring, and is a velvet of green until winter comes again. It can be sown on the wild prairie and will catch, but the best results are to be had by getting the seed well covered. The seed we offer is strictly high grade, new crop, clean and pure. Quality Grade. Postpaid, lb., 30c; 3 lbs., 75c. By express or freight, bu., (14 lbs.) \$2.25.

BERMUDA GRASS

The habits of this grass is to set roots at each joint that touches the ground, thereby forming a complete sod. Is decidedly a summer grass, as it does not start off until ground is thoroughly warm in the spring, and turns to a buff color after killing frost in the fall. We believe this grass will help solve the pasture question during the hot dry summer months. Sow during May or June. Also valuable in some sections as a lawn grass. Sow 3 to 5 pounds to the acre. Postpaid, lb., 75c; 3 lbs., \$2.25.

Permanent Meadow and Pasture Mixtures

Our Grass Seed Mixtures are made up entirely from the best fancy grades grass and clover seeds, are re-cleaned and free from all weeds, seeds chaff and dirt.

COMBINATION GRASS AND CLOVER MIXTURE

FOR BOTH HAY AND PERMANENT PASTURE

For use on reasonably rich, well drained soils. It affords enormous crops of hay of the finest quality and highest feeding value, and after same is cut, continuous and abundant pasturage of the richest and most nutritious character until winter sets in. It will stand for years and may be used either for pasture exclusively or hay and pasturage, as varying conditions suggest.

We stake our reputation on this mixture, not only as to the purity and germination of the seeds used, but as to the satisfaction it will give to those who purchase.

Owing to the deep rooting and spreading character of many of the varieties employed, fields sown with this mixture will, during periods of drought, look fresh and green while other meadows and pastures are dry and burned. Sow 16 to 20 lbs., to an acre. Price, 100 lbs., \$14.00; 25 lbs., or less at 15c lb.

"Special" Rough Land Pasture Mixture

This mixture is composed entirely of grasses and clovers that are especially adapted to rough, stony and brush lands. It will furnish an abundance of fine pasture from early spring until late fall, and open winters it will give you pasture all season. This mixture contains seven different varieties of grass, each adapted to this kind of lands, and each variety is the very best grade of re-cleaned seed. Sow 15 to 20 lbs. to an acre. Price 100 lbs., \$14.00; 25 lbs. or less 15c per lb.

SUDAN GRASS

THE GREAT NEW DRAUGHT RESISTING GRASS

Sudan Grass has won more friends since its introduction in 1909 than any new grass, that has ever been found. From the great yields obtained during the past two seasons and the fine quality of the hay, we look to see it take the place to a great extent of the millets and sorghums.

If you have not already given Sudan Grass a trial, be sure and do so this season, as it will certainly surprise you by its great yields.

Sudan Grass is very closely related to the cultivated sorghums and hybridizes with them readily. The fact that it has not rootstocks places it nearer the cultivated Sorghums than is Johnson grass, which for many years has been credited by some botanists with being the wild prototype of the sorghums.

Sudan grass when seeded broadcast or in drills averages about 3 to 5 feet in height and has stems a little smaller than a lead pencil, being about three-sixteenths of an inch in diameter. If grown in rows and cultivated it reaches a height of 6 to 9 feet, and the stems are larger, being about one-fourth of an inch in diameter. The leaves are broad and numerous giving the grass a very great value as a hay plant. Sudan Grass is not at all exacting in its soil requirements. It does best on a rich loam, but it has been grown successfully on almost every class of soil from heavy clay to light sand. Where the soil is quite sandy however, the yield may be expected to be light. To do well, the ground must be fairly well drained.

Sudan Grass requires a fine seed bed and seeding should be done after the soil has become warm, about corn-planting time or a little earlier. When sown in cold soil the result is usually a poor stand or slow growth for several months, so that in the end no advantage has accrued from the early seeding. In seeding broadcast or in rows with a wheat drill, about 20 pounds of seed are required for an acre. In planting for seed it is drilled in rows wide enough apart to allow of cultivation, using 2 to 4 pounds per acre. Sudan Grass stools wonderfully, as many as 100 stalks from one seed have been found, and this combined with the fact that 2 to 3 crops can be cut from one seeding in a season places this wonderful grass ahead of all others.

Sudan Grass closely resembles Johnson Grass, hence the great importance of genuine seed. However, Sudan Grass must be reseeded every year and does not spread rapidly like Johnson Grass and has a sweet taste and is very palatable to stock.

Sudan Grass is strictly an annual and must be seeded each spring. We urge our customers to try this new grass this season, and be convinced of its many excellent points of superiority. Our stock is absolutely pure and first class in every way. Postpaid, pkt., 10c; lb., 25c; 3 lbs., 60c. By express or freight, lb., 20c; 5 lbs., 70c; Larger quantities 13c per lb.



NITRAGIN SUCCESS WITH ALFALFA, CLOVER, COW PEAS, SOY BEANS, VETCH, FIELD PEAS AND BEANS, GARDEN PEAS AND BEANS, AND ALL OTHER LEGUMES.

"Nitragin" is the trade-mark name for the special germ, or bacteria, that acts on the legume root, draws nitrogen from the air and converts it into plant food. As a result there is a uniform "catch"; the crop grows quickly; it is strong and healthy—deep-rooted—rich in food value. Meanwhile your soil is growing richer—your land more valuable.

Failure with legumes is usually due to lack of bacteria. In "Nitragin" Pure Culture we send you billions of these necessary nitrogen-gathering germs, packed in proper food to keep them alive, active and healthy.

It's easy to treat your seed with "Nitragin" Pure Culture. A boy can do it in ten minutes.

GET THE ORIGINAL

Look for the Oval Label.

This is the original Pure Culture—discovered

by Nobbe and Hiltner, famous German bacteriologists. It has been perfected by twenty years of scientific testing, in the laboratory and on the farm. The germs come to you packed in a granular food—in a ventilated can—the safe and satisfactory way.

The Pure Culture system of inoculating legumes is endorsed by U. S. Government authorities, by state experiment stations, practical farmers and other agricultural experts. These men have accomplished wonders with inoculated legumes. You can do the same on your farm by using "Nitragin" Pure Culture.

There is a special strain for each legume. In ordering be sure to name the crop desired.

Prices; Garden size, \$1; by mail, \$1.05. Acre size, \$2; by mail \$2.10; 5 acre size, \$9; by mail \$9.25. Order "Nitragin" Pure Culture with your seed.

QUALITY FARM SEEDS

Prices subject to change. Write for special prices on large quantities

Our Farm Seeds are New Crop, recleaned, tested for germination and strictly first class in every way.

COW PEAS

The Great Soil Improver—Make Poor Land Rich—Make Good Land More Productive—Also Make a Splendid and Nutritious Green Forage or Hay Crop, Enriching the Soil Even When the Crop is Cut Off.

EARLY WHITE BLACKEYE

An early variety growing more in bush form. Thus holding the pods up, well off the ground. Peas white with a blackeye and are very fine for table use, both in the dry state or when shelled in the Green state. White Blackeye Peas make a wonderful yield in peas as well as hay and when they become better known in the middle west, will undoubtedly become one of the most popular sorts: Postpaid, pkt., 10c; qt., 20c. By express or freight lb., 10c; pk., 70c; bushel about \$2.75.

WHIPPOORWILL

A favorite, early variety, more largely used and sold than any other kind. Has brown speckled seeds, which are easily gathered. Makes a good growth of vine which can be easily cut and cured as dry forage. Postpaid, pkt., 10c; qt., 20c; By express or freight, lb., 10c; pk., 60c; bushel about \$2.25.

NEW ERA.

An early maturing variety which has proved very popular and satisfactory. It is upright growing quick to mature, and remarkably prolific of peas. The vines cure easily, making splen-

did dry foliage. The seed are smaller in size than the ordinary cow-pea, so that it does not require as many to seed an acre, from three-fourths to one bushel per acre will give ample seeding. Postpaid, pkt., 10c; qt., 20c. By express or freight, lb., 10c; pk., 60c; bushel about \$2.25.

CLAY

A favorite variety in some sections of the South. Makes a vigorous growth of vine and pods similar to the Black Pea, but is a little later in maturing. Is prolific both in yield of peas and growth of vine. Postpaid, pkt., 10c; qt., 20c. By express or freight, lb., 10c; pk., 65c; bushel about \$2.50.

GALLAVANT OR LADY

This is an old-fashioned pea which is very popular in sections where it is known. The peas are small in size, of very fine flavor; superior in table qualities to the Blackeye Pea. It is very prolific and a desirable variety to grow. It is known in some sections as "The Lady Pea." Postpaid, pkt., 10c; qt., 30c. By express or freight, lb., 10c; pk., \$1.25; bushel about \$4.25.

SOY OR SOJA BEANS

Soja beans, both for forage and bean crop are very nutritious, containing more oil and fattening properties than any other similar crop. In fact, the soja bean is practically the only crop that furnishes a balanced ration in one crop.

As a feed for live stock, whether grown for the hay or for the beans, threshed to feed with some other grain, its value cannot be overestimated. As a fertilizer it is equal to clover. Any good corn soil will grow Soy Beans. The yield of beans is from 10 to 20 bushels per acre. In feeding value they are richer than linseed meal. When fed to milch cows, using three or four pounds per day, along with other feed, the milk yield will be doubled. When grown for the beans, they should be drilled in rows and cultivated like corn, using about one-fourth bushel of seed per acre. For hay they should be sown thickly, broadcast or in drills, at the rate of one bushel per acre. They should not be planted until after the ground has become warm after corn planting time.

HOLLYBROOK EARLY SOJAS

Makes a quicker growth and mature their crop two to three weeks early than the Mammoth Yellow Soja. It also makes fully as large a yield, both of forage and peas, and the added advantage of its earliness makes it a most distinct and valuable acquisition. It is a sure cropper and a vigorous, quick growing variety. Sown as a forage or hay crop, it is much easier to cure and handle, and makes an even more nutritious crop than cow-peas. Postpaid per pkt., 10c; qt., 25c; By express or freight ½ pk., 40c; pk., 65c; bushel \$2.50.

MAMMOTH YELLOW

One of the largest known varieties of Soja Beans. Produces a world of foliage and beans. Grows to a height of three or four feet and bushes are covered from top to bottom with pods. One of the best varieties for this climate. Postpaid, pkt., 10c; qt., 25c. By express or freight ½ pk., 35c. pk., 60c; bushel, \$2.25.

BLATCHFORD'S CALF MEAL

Here's the solution of your whole profit problem. Blatchford's Calf Meal (the perfect milk substitute) is so like the genuine whole milk—when properly made into gruel—that the calf doesn't know the difference; it's real "baby food" for calves (or any young stock, for that matter) and is not at all like the ordinary "feeds" and "meals" now on the market. It contains protein and butter fat in greater quantities than is usual-

ly found in whole milk and is thoroughly steam cooked. The calf will grow sturdy and robust and will not be troubled with "scouring." Just as soon as the mother cow's milk is ready to be sold, Mr. Calf is ready for Blatchford's Calf Meal. He will take to it just as naturally as he does to his mother's milk, and you'll find that he will "never miss a meal" when once you start him on this "perfect milk substitute." Price, 25 lb., bag, \$1.00; 50 lb. bag, \$2.00; 100 lb. bag, \$3.75.

FETERITA

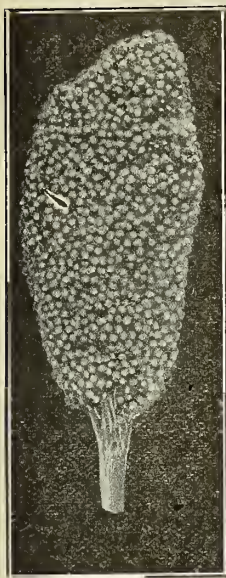
The two best features about Feterita are its wonderful ability to resist drought and its earliness. It has proved its ability to stand dry weather without question.

Feterita branches out from the stem and one plant makes several heads.

Chinch bugs do attack it but prefer other crops. Even when the stalks are eaten off it stools out again and still makes a crop.

The grain of Feterita is similar to milo but is pure white and also larger and softer. It does not shatter badly and yields up to eighty bushels per acre. Feterita is planted in rows like kaffir or milo, using from three to five pounds per acre and the crop is cultivated and harvested just like milo.

Feterita grows about five feet high on an average, and a crop of it growing looks very much like a crop of kaffir. The heads grow up straight like kaffir and are a little larger around but not quite so long. The grain is softer than kaffir or milo grain and is liked better by all kinds of stock. Feterita matures from 15 to 20 days earlier than kaffir and is therefore well adapted to countries with short seasons, or can be grown as a second crop where the seasons are long, after the wheat or oat crop. Feterita has the same feed value for feeding all kinds of stock or poultry that kaffir or milo has. Postpaid, pkt., 10c; lb., 15c; 2 lbs., 25c. By express or freight, lb., 10c; 5 lbs., 35c. Larger quantities 5c per pound.

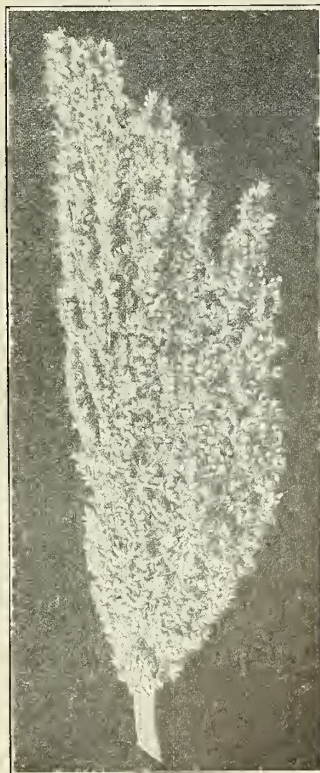


FETERITA

EGYPTIAN WHEAT OR SHALLU

The Great Drouth Resister and Grain Producer

Egyptian Wheat or Shallu—Belongs to the Sorghum family and should be planted like cane or milo, either for grain or hay. Broadcast it makes 4 to 8 tons to the acre. In drills, it yields 35 to 50 bushels of grain per acre. The grain is small and white inside and has a light hull. The heads are large and heavy, the grain hanging on one side. The grain makes better bread than Maize. All stock eat it and do well on it. It makes the best poultry food. The plant grows from 5 to 7 feet tall, and produces more and better fodder than cane. Stools out from the root making 4 to 6 stalks makes excellent fodder. It will stand more wet or



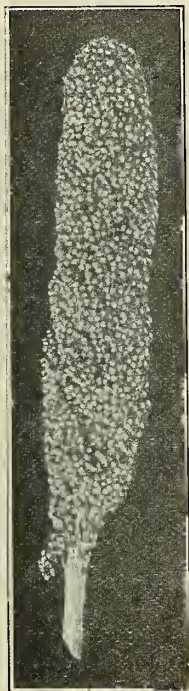
SHALLU

KAFFIR CORN

Dwarf White Blackhull

Is the result of careful selection extending over a number of years, and which has produced a type of uniform dwarf growth. The plants range from 3½ to 5 feet in height, depending somewhat on quality and condition of the soil and weather conditions. The heads are uniformly larger and of better shape than the older types of White Kaffir.

We realize the importance of selling good qualities of Kaffir. Our Dwarf Blackhull White Kaffir will produce a crop in less number of days than the ordinary types of Kaffir which are now being grown in Kansas and Oklahoma. It will also produce a larger crop of grain which is especially desirable in many districts in the central and southwestern part of the United States. Postpaid pkt. 10c; lb., 20c; 2 for 35c. By express or freight lb., 10c; 5 lbs., 40c. Larger quantities 6c per lb.



KAFFIR CORN

KAFFIR CORN STANDARD WHITE

Grows 5 to 6 feet high. The stems are very leafy and keep green and brittle, unlike other sorghums which harden. Makes excellent fodder, either green or dried. For grain sow 5 to 6 pounds to acre, in rows 3 feet apart. For fodder sow 40 to 50 pounds per acre, either broadcast or in drills. Postpaid, pkt., 10c; lb., 15c; 2 lbs. 35c. Larger quantities 3c per pound.

dry weather than maize or cane. We don't believe there is such a thing as failure with it. Plant in drills 3 feet apart, using 7 to 8 pounds of seed per acre, or broadcast, using from 1½ to 2 bushels. Postpaid, pkt., 10c; lb., 15c; 2 lbs., 25c. By express or freight, lb., 10c; 5 lbs., 40c. Larger quantities 5c per pound.

RED KAFFIR CORN

Grows taller than the white; stalks slender, juicy and very leafy. The seed is red, smaller than that of the white, and yields much heavier. Postpaid, pkt., 10c; lb., 15c; 2 lbs., 25c. By express or freight, 10 lbs., 40c. Larger quantities 4c per lb.

MILO MAIZE

This makes a thick succulent growth of forage, very nutritious. This like sorghums, can be cut over two or three times, where it is desired to cut for green forage. Also makes excellent ensilage, or can be cured same as other sorghums. Postpaid, pkt., 10c; lb., 15c; 2 lbs., 25c. By express or freight, 10 lbs., 35c. Larger quantities 4c per lb.

SORGHUM AND SUGAR CANE

RIBBON CANE—THE FINEST SORGHUM CANE

A very strong and tall-growing variety, noted for the immense quantities of finest syrup which it produces. It has yielded from 300 to 400 gallons of molasses per acre. The strong, leafy stalks make excellent forage. Plant in rows $3\frac{1}{2}$ feet apart, six to eight pounds to the acre. Postpaid, pkt., 10c; lb., 20c; 3 lbs., 50c. By express or freight, lb., 10c; 5 lbs., 40c. Larger quantities at 6c per pound.

EARLY AMBER

The earliest type in cultivation. Black-hulled. Stalks tall and slim. Most suitable for hay, as it matures very quickly. Makes syrup of excellent quality. Postpaid lb., 15c; By express or freight 10 lbs., 30c; Larger quantities at 2c per pound.

EARLY ORANGE

With taller and heavier stalks than Early Amber. Largely used for hay and fodder. Excellent for making syrup. Postpaid, lb., 15c; By express or freight, 10 lbs., 30c. Larger quantities at 2c per pound.

RED TOP OR SUMAC

Planted very extensively in the Southwest. Smaller than the other varieties, but makes a large amount of fodder, very sweet. Postpaid, lb., 15c; 2 lbs., 25c. By express or freight lb., 10c; 10 lbs., 40c. Larger quantities at 3c per pound.

FORAGE OR FODDER CANE

Cane seed is grown to a considerable extent for stock feeding. It yields heavily. It can be raised anywhere, and is sown extensively in dry regions where grasses do not do well. Because of its sweetness it is greatly relished by cattle and horses and sheep. For forage sow 100 pounds to the acre. Write for prices.

MILLETS**TRUE GERMAN**

Fancy Recleaned, Big Plump Seed.

Is a strong grower and will yield enormous crops of the finest hay, and should be cut before the seeds harden. Can be sown late after some early crop and if sown early, will mature in time for the ground to be plowed for wheat, and leaves the ground in fine shape for this purpose. For hay, so from May to August 1st. For grain, sow in drills not later than June 20th. Postpaid lb., 20c; by express or freight, pk., 45c; bu., \$1.75. Larger quantities, \$1.65 per bushel.

**Japanese Barnyard**

Also called "Billion Dollar Grass"—This wonderful and valuable new forage plant was introduced into this country by Professor Brooks of the Massachusetts Agricultural Experiment Station. It has proven an enormous yielder in all sections of the United States—hay and fodder of the most excellent quality growing on any soil, yielding three to five tons per acre and growing three or four feet in height. Cattle and horses eat it greedily. Sow in May and June broadcast, twenty to twenty-five pounds per acre (it stools remarkably) or in drills twelve pounds per acre.

Price by mail, postpaid, pkt., 10c; lb., 25c; 3 lbs., 60c. By express or freight, lb., 15c; 10 lbs., \$1.20; 50 lbs., \$3.35; 100 lbs., \$6.00.

PEARL OR CAT-TAIL MILLET (Pencillaria)

ONE OF THE BEST AND MOST NUTRITIOUS OF CONTINUOUS CUTTING GREEN FORAGE PLANTS

Makes a most nutritious and valuable forage plant, and is increasing in popularity throughout this country. Grows 5 to 7 feet high. It can be fed either green or cured as dry forage, making a most nutritious feed, which is relished by all kinds of stock. It can also be cut two or three times during the season from one seeding. Sow five pounds of seed per acre in drills three feet apart. Pearl, or Cat-Tail Millet should not be planted before May. It is a tropical plant, and requires warm weather to germinate well and grow off to best advantage. Postpaid, pkt., 10c; lb., 25c. By express or freight lb., 15c; 10 lbs., \$1.25; 100 lbs., \$10.00.

TEOSINTE**A Most Valuable and Enormous Yielding Continuous Cutting Forage Crop.**

We strongly recommend our customers who have not done so to sow this splendid forage crop. If sufficient quantity is sown, it will furnish a continuous daily supply of most nutritious green food for horses and all kinds of cattle all through the summer. It also makes splendid dry fodder, yielding enormously and being more nutritious and even better relished by all kinds of stock than corn fodder. In appearance it somewhat resembles Indian corn, but the leaves are much larger and broader, and the stalks contain sweeter sap: It produces a great number of shoots, very thickly covered with leaves, yielding an abundance of forage. It stools out enormously after being cut, as many as forty-five stalks having been grown from a single seed. The first cutting can be made when it is two or three feet high. Sow in May or June at the rate of 3 or 4 pounds per acre in drills $3\frac{1}{2}$ to 4 feet apart. Postpaid, oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c. By express or freight, lb., 60c; Larger quantities 55c per pound.

JAPANESE BUCKWHEAT

The best sort for the West. It matures seed early, resists drouth better, and more vigorous and hardy than the old sorts. The grains are almost again as large as the old sorts, and the yield is much larger. It should be sown about the first of July, broadcast, at the rate of one-half bushel per acre. This sort will yield on an average 30 bu. per acre. It quickly gathers moisture when left standing in the field, and for this reason should be threshed as soon as dry. Unequaled as a plant for bees. Price lb., postpaid 20c; by express or freight, pk., 45c; bushel \$1.75.

DWARF ESSEX RAPE

THE GREAT SUMMER GREEN PASTURE

It is extensively grown for forage. Farmers who desire to get young cattle, sheep, lambs, or young hogs into favorable condition can do it most cheaply by growing this Rape. Prepare ground as for turnips, and sow as soon as frost is out. It is ready in about six weeks. Also sow in June or July broadcast at rate of 5 lbs or 6 lbs. to the acre. When eaten down before it has made its full growth it will come up again with more or less vigor. Used for pasture, not for hay. Postpaid lb., 20c; 3 lbs., 45c. By express or freight, lb., 15c; 10 lbs., \$1.25; 50 lbs., \$5.50; 100 lbs., \$9.50.



BROOM CORN

IMPROVED EVERGREEN

This Broom Corn grows about 7 to 9 feet high, stands up well, and is entirely free from crooked brush. The fiber is long and fine. Its greatest value is, that it will not get red in the field before it is cut, but is strictly a green variety of brush commencing high. Postpaid pkt., 10c; lb., 20c; 2 for 35c. By express or freight, lb., 10c; 5 lbs., 40s. Larger quantities 6c per pound.

OKLAHOMA DWARF

Quite distinctive from all others in earliness. Of robust habit and extreme productiveness; brush long and well fibered, and is a drouth resister. Averages five feet in height, making it convenient for pulling brush. Postpaid, pkt., 10c; lb., 20c; 2 lbs., 35c. By express or freight, lb., 10c; 5 lbs., 40c. Larger quantities at 6c per pound.

HAIRY OR WINTER VETCH

Also called Winter Vetch. This useful plant is noted for its extreme hardiness and is valuable for forage and fertilizing purposes. It is an annual, but drops its seeds freely, and will come up year after year on the same ground. The Department of Agriculture estimates the value of an acre of vetch plowed under equivalent to \$16 worth of commercial fertilizer. A sowing made in August or September covers the ground before winter prevents washing during the winter and early spring. It can also be sown in April and will be ready to cut by the middle of July, the second growth affording excellent hog pasture during the summer. The yield of forage varies from 10 to 15 tons per acre, equal to 3 or 4 tons when cured as dry hay. Sow in drills, using 30 lbs., per acre. Postpaid, lb., 35c. By freight or express 10 lbs., \$2.50. Larger quantities at 22c per lb.



SEED OATS

RED RUST PROOF

Our Seed stock of Red Rust Proof Oats this season is the finest we have ever handled.

Red Rust Proof Oats is the standard variety for this section. As their name implies they are Rust Proof. Very hardy, standing more cold weather and hard knocks than most any other variety. Seed, reddish yellow in color, very large and plump. Straw very stiff and heavy with good wide leaves. Red Rust Proof Oats will grow and

make a crop on a greater variety of soils than any other variety. Bushel, 65c; larger quantities 60c per bushel.

EARLY HARVEST

An early Oat that has done exceedingly well wherever sown. Grains medium in size and ranging from light yellow to black in color. Not as heavy as Red Rust Proof, but an almost sure yield-er. Price, bushel, 65c; larger quantities 60c per bu..

SEED FLAX

When grown for seed sow $\frac{1}{2}$ bushel per acre; if fiber is wanted sow at the rate of two or three bushels per acre. The soil should be well cultivat-

ed. Recleaned seed postpaid lb., 20c. By express or freight. Bu., \$2.50. Larger quantities \$2.40 per bushel.



To grow flowers well the soil must be carefully prepared as for vegetables. Spade the beds to a good depth and make them rich with well rotted manure, thoroughly mixed in. A small quantity of sand will greatly improve stiff, heavy clay. Don't bury your seeds. Plant the largest, like Nasturtiums, not more than an inch deep, Balsams half an inch, Asters, a quarter of an inch, Petunias, Poppies, etc. on the surface, Firm the soil over the seeds with a board and keep it constantly moist. Don't allow seedlings to crowd each other. Transplant in cloudy weather or in the evening and shade from the sun a day or two.

DISCOUNTS ON PACKET FLOWER SEEDS—For 25 cents select 6 Five-cent, or 3 Ten-cent pkts. For 50 cents select packets to the amount of 65c. For \$1.00 select packets to the amount of \$1.30. We prepay postage on all Flower Seed.

FLOWERS FROM SEED ARE USUALLY KNOWN AS ANNUALS, BIENNIALS AND PERENNIALS.

ANNUALS bloom and ripen seed the first year and then perish.

BIENNIALS do not generally flower the first season and are in perfection only one year.

PERENNIALS continue to flower for several years in succession. Many of them bloom the first year if sown early.

ASTERS

R. & C.'s Superb Mixture of Tall Asters

A magnificent mixture, producing myriads of Gigantic Flowers of the most gorgeous colors and perfect form. This mixture contains the cream of all the Asters. We have spared nothing to make it the most perfect of any Aster mixture offered. It will surprise you with its great profusion of varieties, all beautiful, striking and distinct, with a range of color not to be found in any other Aster mixture. Price, pkt., 10c; $\frac{1}{8}$ oz., 40c; $\frac{1}{4}$ oz., 75c.

VICTORIA ASTERS

Undoubtedly one of the most handsome asters in cultivation, and we have an excellent strain of the seed. The petals curve outward, overlapping like those of the double dahlia. Plants grow about two feet tall and are simply covered with from twenty to forty magnificent flowers averaging from three to four inches across. The flowers are unusually attractive forms and brilliant colors.

Victoria Snow White.....pkt., 10c

Victoria Pink.....pkt., 10c

Victoria Bright Red.....pkt., 10c

Victoria Light Blue.....pkt., 10c

Victoria Dark Blue.....pkt., 10c

VICTORIA FINE MIXED—All the above colors in mixture. Pkt., 10c; $\frac{1}{4}$ oz., 45c.

IMPROVED PEONY PERFECTION

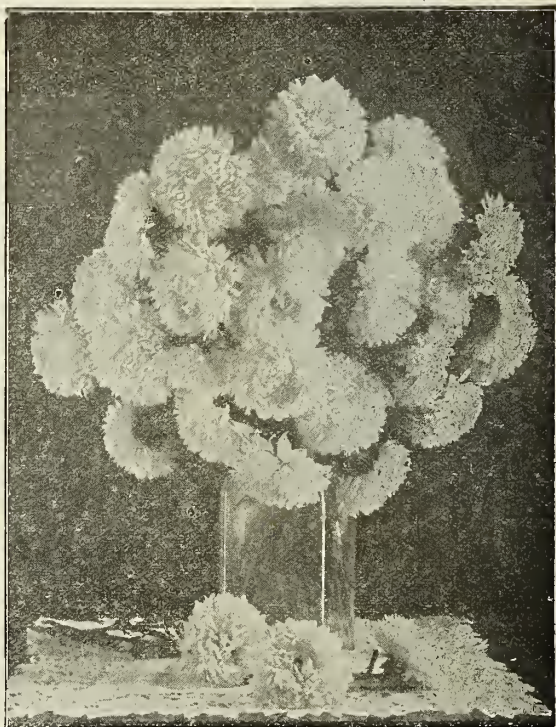
One of the handsomest sorts; flowers are borne on long, wiry stems, are very large, 3 to 4 inches in diameter, very double, in shape like a peony. The petals incurve and give the flowers a ball-like appearance. This is especially true during the early, flowering season. Mid season to late flowering. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

HOHENZOLLERN ASTER

The finest type of the Giant Comet or Ostrich Feather type of Asters. Borne on long stems they make cut flowers. par excellent. Finest mixed, pkt., 10c; $\frac{1}{4}$ oz., 20c.

SEMPLE'S BRANCHING

A class of very strong growing Asters not com-



VICTORIA ASTER

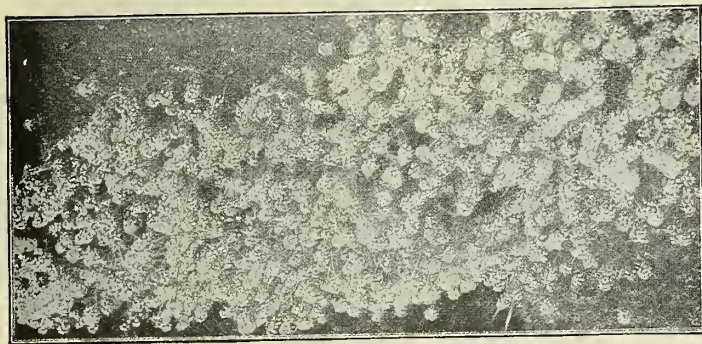
4 Packets of any Aster listed at 10c per packet, for 25c postpaid.

ing into bloom until very late, but producing flowers so large, double, perfect in form and borne on such long stems that florists sometimes sell them for chrysanthemums. Finest mixed, pkt., 5c; $\frac{1}{8}$ oz., 15c.

FLOWER SEEDS

ALYSSUM

Little Gem—We know of no other flower which is so particularly well adapted for border, ribbons, etc. The plants commence to



ALYSSUM LITTLE GEM

bloom when quite small, and will flower all summer long until late in the fall. This habit with its fragrance, makes it indispensable. Pkt., 5c; ½ oz., 15c.

Maritimum—Of trailing habit. Fragrant. Pkt., 5c; ½ oz., 10c.

ANTIRRHINUM

Snapdragon—They blossom the first year if seed is sown early. Slightly covered with leaves, they withstand our winters. One and one-half to two feet tall.

Giant Flowered—Mixed colors. Pkt., 5c; ¼ oz., 20c.

BALSAMS

An old-time favorite with brilliant double flowers. Succeeds best in good rich loam. Height two feet.

Double Mixed—White, rose, pink, scarlet, etc., Pkt., 5c; ½ oz., 15c.

RICINUS CASTOR BEAN

Each plant makes a perfect pyramid of foliage fourteen feet tall, with gigantic leaves two feet or more across.

Zanzibariensis Mixed—Pkt., 5c; oz., 10c.

COSMOS

Giant Flowered Fancy Cosmos—These gigantic flowers measure from 4½ to 5 inches across, petals fringed, pink toothed and plain, and in colors from pure white through shades of pink and red to rich dark red. Pkt., 5c; ½ oz., 25c.

Early Flowering All Colors Mixed, Pkt., 5c.

CARNATIONS

These popular flowers are easily grown from the seed, they begin blooming in a few months after sowing the seed. The large double flowers are sweet scented and beautifully fringed.

Marguerita Mixed Colors Pkt., 5c; ½ oz., 25c.

CHRYSANTHEMUMS

Annual Varieties—Quite distinct from the autumn flowering varieties. Summer blooming border plants of compact, thrifty growth, 1 to 1½ feet high, producing large blooms 2 inches across, from July until frost. Extensively grown for cut flowers. They are partial to a little shade. Sow seed in the open where plants are to stand.

Finest Mixed colors, pkt., 5c; ½ oz., 25c.

CETAUREA CYANUS

Bachelor's Button—Very free-blooming hardy annual also called Blue Bottle, Ragged Sailor, Korn Blume, etc. Pkt., 5c; ½ oz., 35c.

CANDYTUFT

Candytuft will grow anywhere under all conditions and flowers all summer. Good for cut flowers and borders.

Empress—A complete mass of snow white flowers. Pkt., 5c; ½ oz., 40c.

Finest Mixed—White, carmine and crimson colors. Pkt., 5c; ½ oz., 20c.

CANNA

Crozy's Mixed—Few people know these tropical plants can easily be grown from seed and bloom the first summer if sown before April. Pierce the seed in one spot with a file and soak in lukewarm water for 24 hours before planting. Pkt., 5c; oz., 20c.

COLEUS

Probably the most popular of ornamental foliage plants. Leaves are of many shades of color and have a rich velvety appearance of extra ordinary beauty. No lawn should be without these decorative plants. Tender perennial.

Fine hybrids, mixed—Extra choice pkt., 10c; ½ oz., 35c.

CALLIOPSIS.

A quick growing annual. The flowers are placed on graceful wavy stems and in color run through all the shades of red and yellow; foliage quaint; useful combined with other flowers.

All sorts and colors mixed, pkt., 5c; ½ oz., 25c.

CALENDULA

A perpetual bloomer, the flowers are oriental in color and exhibit every shade of yellow from ivory to deepest orange. Makes good cut flowers. **Finest Mixed** Pkt., 5c; oz., 25c.

FINE DAHLIA SEED

A favorite for autumn flowering. Seed may be sown in spring in open ground after danger of frost is over, but for best results sow in shallow pans at any time in March, and transplant the seedlings to small pots. When strong enough and danger from frost is over plant out three feet apart.

Double Dahlias—Extra fine mixed, many fine varieties. Pkt., 10c; ½ oz., 25c.

Single Giant Perfection—This strain is a decided advance on the ordinary singles. The plants produce in great abundance flowers of immense size, averaging 6 inches across of the most bewildering variety of coloring. Pkt., 5c; oz., 35c.

Double Cactus Flower Mixed. With twisted and curled petals, pkt., 15c.

See also Dahlia Bulbs.

DIANTHUS

Chinese and Japanese Pinks—The plants grow one foot high and bloom profusely from early summer until frost.

Double Mixed Chinese—Annual. Mixed, pkt., 5c; ½ oz., 10c.

China or Indian Pinks—Fine single, mixed, pkt., 5c; ½ oz., 15c.

Double Imperial—Variegated colors, pkt., 5c; ½ oz., 10c.

Double Heddiwigi—Japanese pink, pkt 5c; ½ oz., 15c.

Hardy Garden or Clove Pink—This splendid class of hardy perennial pinks should be in all gardens. They have the delightful clove fragrances, pkt., 5c; ½ oz., 10c.

FLOWER SEEDS

ESCHOLTZIA

California Poppy—A bright free-flowering plant of low spreading growth with finely cut silvery foliage. The poppy-like flowers in pure shades of yellow, orange and crimson are produced from early spring until frost. Sow the seed where the plants are to remain. Pkt., 5c; ½ oz., 15c.

EVERLASTINGS

These are mostly annuals with straw-like flowers that keep their form and color for years. Mixed colors, pkt., 5c; ½ oz., 10c.

FOX GLOVE

Digitalis—An old-fashioned flower of stately growth; highly ornamental large cup-shaped flowers; height three feet. Mixed pkt., 5c; ½ oz., 15c.

MYOSOTIS

Forget-me-not—A favorite old-fashioned flower bearing in profusion clusters of blue blossoms. It thrives well in the shade or open border. Hardy perennial. Pkt., 5c; ¼ oz., 20c.

FOUR O'CLOCKS

Marvel of Peru—Well known annuals of easy culture. Mixed colors. Pkt., 5c; ½ oz., 15c.

GAILLARDIA

They will produce from early spring until late fall a continuous profusion of brilliantly colored flowers, red and yellow predominating. Of easy culture, sow where they are to remain. Annual varieties. Double Perfection, Mixed, pkt., 5c; ½ oz., 10c.

GERANIUMS

These grow readily from seed the first year and produce blooming plants the first summer. There is a great deal of pleasure in watching them develop from seed, and there is always the chance of securing something new and desirable in that way.

Zonale Varieties—Saved from the choicest collections, pkt., 10c; ½ oz., 25c.



HOLLYHOCK

Entirely different and more beautiful than the plant of twenty years ago, being much more compact in growth, the flowers larger, more richly colored and the double varieties of better form. For a background to a flower garden nothing is better. Hardy perennial; five feet high. Double fine mixed, pkt., 5c; ½ oz., 25c.

HELIOTROPE

Deliciously fragrant flowers of rich purple blue. The flowers and leaves have a mossy effect. Blooms from seed the first summer if sown early in the spring. Excellent for cutting and splendid for bedding. Fine mixed, pkt., 5c; ½ oz., 25c.

KOCHIA (Burning Bush)

Forms regular pyramids from 2 to 3 feet in height, having a cypress-like appearance. Autumn coloring has given it another name. "Mexican Fire Plant." Plants do best in a sunny exposure about 2 feet apart. Pkt., 5c; ¼ oz., 15c.

LARKSPUR

Double Dwarf Rocket, Mixed—Produce beautiful spikes of double flowers in many shades. Hardy annual; one foot high, pkt., 5c; ¼ oz., 10c.

LOBELIA

Elegant little plant of easy culture, completely covered with flowers from June until September.

Erinus Erecti—Blue and white mixed, pkt., 5c; ½ oz., 25c.

MARIGOLD

A well known magnificent plant with handsome flowers, of rich, beautiful colors and neat compact green foliage producing a splendid effect in almost any situation, Half-hardy annual.

Double Tall African Mixed...pkt. 5c; ¼ oz., 15c

Double Dwarf French Mixed...pkt., 5c; ¼ oz., 15c

MIGNONETTE

A very well known hardy annual producing dense spikes of exceedingly fragrant flowers. Seed sown in autumn will bloom early the following spring. Hardy annual one foot high, sweet scented. Pkt., 5c; ½ oz., 10c.

SUPERB NASTURTIUMS

R. & C.'s SPLENDID MIXTURE OF DWARF NASTURTIUMS

This is our best mixture of the dwarf varieties. It is composed exclusively of the most elegant, large flowered sorts, and the brilliantly colored flowers range through every shade and tint known in this favorite annual. This seed will produce a bed or border gorgeous beyond description. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

DWARF CHAMELEON

Single plants of this variety bear flowers of almost all shades found in Nasturtiums. The flowers change color from day to day until they fade. Are not only curious, but beautiful. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

TALL NASTURTIUMS

R. & C.'s Superb Mixture—This Superb Mixture of tall or climbing nasturtiums will surprise you with its great variety of different colored flowers and its profusion of bloom. A wonderful variety of rich flowers and striking combinations are found in this Superb Mixture. A row in full bloom is certainly a picture you will remember. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

MADAM GUNTER'S HYBRIDS

Blotched and striped flowers of very brilliant and beautiful colors; grow about four feet high. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25.



PANSIES

R. & C.'S MAMMOTH FLOWERING PANSY MIXTURE

THE FINEST MIXTURE OF MAMMOTH OR GIANT PANSIES

In this magnificent mixture of mammoth-flowering pansies the blossoms are borne on long stems well above the foliage and are distinguished for their gorgeous and varied colorings and beautiful markings, of fine substance, velvety texture, perfect form, and giant size, frequently measuring three inches in diameter. The colorings are wonderfully rich and varied; every shade and tint of rose, canary-yellow, black, white, cream, lavender, garnet, sky-blue and orange are produced in endless variation. An unequaled collection of all the finest types. The best, handsomest, and most perfect giant-flowering varieties. Pkt., 10c; 3 pkts., 25c; $\frac{1}{8}$ oz., 75c.

GERMAN PANSIES

The German Pansies are noted for their most endless variations, which include striped, blotched, bordered, veined and marbled combinations, in

every possible color and shade. The plants are of compact growth, and flower most profusely and continuously all summer. Pkt., 5c; $\frac{1}{8}$ oz., 20c.

PETUNIA

For freedom of bloom, ease of culture and effectiveness, these rank with Astors, Phlox, and Verbenas. If only a little care is bestowed upon them. Petunias will produce their handsome, sweet-scented flowers through the whole summer.

Finest Mixed.....Pkt., 5c; $\frac{1}{8}$ oz., 15c.

SWEET WILLIAM

A splendid old-fashioned plant, producing its large heads of beautifully colored sweet-scented flowers in great abundance. It is hardy, easily grown; and flowers the second year from seed.

Double Fine Mixed.....Pkt., 5c; $\frac{1}{8}$ oz., 25c.

Single Fine Mixed.....Pkt., 5c; $\frac{1}{8}$ oz., 10c.

ZINNIA

A very showy and brilliant annual of easy culture. Stands the heat of summer well, and succeeds in any common garden soil. Double Mixed, Pkt., 5c; $\frac{1}{8}$ oz., 10c.

SALVIA

Splendens—Gorgeous plants with numerous spikes of intensely vivid scarlet flowers ten to twelve inches in length. Continues to flower profusely all summer and fall. Easy of growth. The most popular Salvia in cultivation. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

WILD FLOWER GARDEN

A mixture of easily grown annuals for the decoration of children's gardens, prairies, shrubberies etc. Pkt., 5c; $\frac{1}{8}$ oz., 15c.



PETUNIAS



SWEET PEAS

REDING & CLARK'S RAINBOW MIXTURE

This is without doubt one of the grandest mixtures of Sweet Peas ever offered. During the several years we have sold it we have received innumerable testimonials praising the exquisite coloring and profusion of blooms. The different kinds and sorts contained in this mixture are grown separately so that we have an opportunity to choose only the largest and most beautiful varieties. These we mix ourselves in proper proportion for the most brilliant effect. It embraces the finest American and Eckford varieties as well as the latest novelties and will produce a great abundance of giant flowers of beautiful colors. Some are edged, mottled, blended, flaked and striped. Without exception this is the very finest mixture it is possible to make. Price pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, postpaid.

MAGNIFICENT SPENCER SWEET PEAS

These new Sweet Peas are distinguished for their gigantic size, usually measuring two inches across; the bold, erect standard, which is uniformly waved, crumpled and fluted in exquisite fashion; the charming blendings of harmonious colors the exceedingly long flower stems, which make them unexcelled for cutting; the great profusion of flowers, and the large number of flowers on the stem, usually three to four.

WHITE SPENCER

Without doubt the largest and most magnificent White Sweet Pea ever introduced. The vines are almost completely covered with mammoth flowers. The flowers are borne 3 to 4 on a stem and are of splendid substance. It is without a rival among White Sweet Peas. Pkt., 10c; oz., 20c.

COUNTESS SPENCER

Of perfect form, remarkable size and exquisite color. The flowers are often 1½ to 2 inches in diameter, with both standard and wings charmingly fluted. The coloring is an exquisite soft rose-pink, daintily tinted with silvery white.—Pkt., 10c; oz., 20c.

KING EDWARD SPENCER

Undoubtedly the largest and best scarlet Sweet Pea to date. Each stem carries from 3 to 4 enormous flowers. Wings carmine-scarlet, reverse side rosy carmine. The beautiful blossoms are carried on long stiff stems. Pkt., 10c; oz., 20c.

ASTA OHN

A soft pinkish lavender, sometimes suffused with mauve. An exceedingly beautiful variety, flowers very large, beautifully waved, and are borne on long stems, very profuse bloomer. This variety of Spencer Sweet Pea is certain to please you. Pkt., 10c; oz., 20c.

SPECIAL

One Packet each of the four above named magnificent Spencer Sweet Peas for only 25c.

SPENCER FANCY MIXED

All of the best-named sorts, also many rare new hybrids in lavender, blue, striped mottled, purple, maroon and many other shades are included in this superb mixture. All flowers are of extremely large size, typically frilled and waved, and very lovely. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00.

LARGE FLOWERING ECKFORD & UNWIN TYPES

The Best Named Sorts pkt., 5c; oz., 10c; ¼ lb., 35c

—Countess of Lathom—Cream pink, self colored.

Extra Early Blanche Ferry—Standard Rose; wings white tinged with pink.

Dorothy Eckford—The best white.

Hon. Mrs. E. Kenyon—Large Primrose

CUPID OR DWARF SWEET PEAS

Distinct as possible from other sorts; 6 to 9 inches high, spreading out and forming a mass 1¼ feet across. Of very neat, compact bushy habit, with flowers as large and fragrant as the tall kinds.

Fine Mixed—Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Lovely—Standard and wings both deep pink shading to a very light pink at the edges.

Mont Blanc—Pure white, medium size.

Navy Blue—Indigo and violet; the whole effects of the flower is very blue.

PHLOX

Grandiflora—No flower can surpass the Phlox in brilliancy or variety of color, or freedom of bloom. Large flowering, finest mixed pkt., 5c; ¼ oz., 15c

POPPIES

Shirley—Flowers exceedingly graceful and elegant; single colors ranging from bluish-white, delicate pink, rose, carmine, to bright, sparkling crimson, occasionally with white. The best and most showy of all single poppies. Finest Mixed. Pkt., 5c; ¼ oz., 10c.

Carnation Flowered Mixture of Double Poppies—Large sized flowers of all shades, many striped. The Opium Poppy. Pkt., 5c; ¼ oz., 20c.

PORTULACA

Rose Moss—This plant will grow and bloom profusely in a dry, hot situation, where almost any other plant would soon die. Easily transplanted. In sowing mix the seed with dry sand to insure an even distribution. Sow in May when the ground is thoroughly warmed through.

Single fine mixed, pkt., 5c; ⅛ oz., 10c.

Double fine mixed, pkt., 10c; ⅛ oz., 30c.

VERBENAS

Mammoth mixed—A carefully selected and fine strain of Verbenas. The trusses and individual flowers are of the largest size, of brilliant colors; free-blooming and of vigorous habit. Pkt., 10c; ⅛ oz., 25c.

STOCKS

The flowers appear on long, stiff stalks like small rosettes, are exceedingly fragrant and range through a most complete scale of all the soft and distinct shades.

Dwarf German 10 Weeks, Fine mixed, pkt., 10c.



PHLOX

SUNFLOWERS—MINIATURE

Double Dwarf, Special mixture 5c pkt.; ¼ oz., 10c.

CLIMBING VINES

BALSAM APPLE AND PEAR

Ornamental climbers, with pretty foliage and flowers followed by handsome fruit, which when ripe burst open exposing the bright red seeds within. Each variety, pkt., 5c; oz., 15c.

CYPRESS VINE

Known and liked everywhere for its delicate fern-like foliage and beautiful star-shaped flowers. Fine for covering fences. Mixed colors, white and scarlet, pkt., 5c; oz., 15c.

DOLICHOS HYACINTH BEAN

A rapid growing annual climber, flowers freely in erect racemes, followed by ornamental seed pods. Sweet scented, pkt., 5c; oz., 20c.

GOURDS

Hercules Club—Grown six feet long.

Sugar Trough—Often used for buckets.

Dish Cloth or Chinese Sponche—(Luffa)

Nest Egg—Excellent for nest eggs.

Dipper Gourd—Used for dippers.

Small sorts, mixed.

Mock Orange—Yellow color.

Ornamental Pomegranate—Has delightful perfume. Large pkt., of any gourds, 5c; oz., 25c.

IMPERIAL JAPANESE MORNING GLORIES

These grand New Morning Glories from Japan are remarkable for their large size and exquisite colors. Grow quickly to a height of 12 to 20 feet. They are of innumerable shades of blue, white, yellow, slate, copper, brown, bronze, almost black and often seven or eight colors and tints in one flower. Pkt., 5c; oz., 15c; ¼ lb., 40c.

SCARLET RUNNER BEAN

Ornamental climber. Bright scarlet spray of bloom followed by delicious edible beans. Pkt., 5c; ¼ pt., 10c; pt., 30c.

MOON FLOWER

(*Ipomoea Grandiflora Alba*) Will grow thirty to forty feet in a single season and be covered with its large, white flowers every evening and cloudy day. The hard outer coat of the seed should be cut through with a sharp knife, care being taken not to cut any deeper than the hard shell, and the seed planted about 1 inch deep in moist soil in a box or pan and set in a warm place. If the soil is kept moist, germination will take place in about 2 weeks. After the plants are up, plant outdoors in a sunny situation when danger from the frost is past. Pkt., (12 seeds) 10c; oz., 35c.

MADEIRA VINE

Dormant Bulbs.

A rapid growing climber with beautiful waxy foliage and graceful clusters of flowers of pure white color and delicate fragrance. Very ornamental and useful for shading verandas, arbors, or covering unsightly sheds, stumps etc. Good strong bulbs by mail postpaid, each 5c; 6 for 20c; 35c per doz. By express not prepaid per dozen 25c

WILD CUCUMBER

This is the quickest growing Climber in our list. It will grow thirty feet in one season. It is thickly dotted with pretty white fragrant flowers, followed by an abundance of ornamental prickly seedpods. Pkt., 5c; oz., 15c.

SUMMER FLOWERING BULBS

TUBEROSE

Excelsior Pearl—This sort is distinguished by its short robust stem completely covered by large blossoms fully twice the size of the old tuberose and quite double. The flowers are very fragrant and of the purest waxy white color. Large selected bulbs by mail postpaid, each, 5c; six for 25c; 45c per dozen. By express not prepaid, 25c per dozen.

CALADIUM OR ELEPHANT EAR

An excellent decorative foliage plant with gigantic velvety leaves; of exceedingly rapid growth and tropical appearance. The leaves are often two feet long and a foot across.

Good Sized Bulbs—6 to 7 inches around. By mail postpaid, each 10c; 3 for 25c; By express 80c per dozen.

Medium Bulbs—8 to 9 in. around. By mail postpaid, each, 15c; 2 for 25c; By express \$1.25 per dozen.

Mammoth bulbs—10 to 12 inches around, each 25c; prepaid. By express, dozen \$2.25.

GLADIOLUS

Superb Mixture

Superb flowers, embracing a wide range of colors from delicate shades of pink and primrose to deepest crimson and maroon, also striped and variegated. Best mixture, including all colors and shades, striped and variegated. By mail postpaid, each 5c; three for 10c; 40c per doz. By express not prepaid 25c; per doz., 100 for \$1.50.

LILY OF THE VALLEY

The Lily of the Valley is one of those delicate, sweet little flowers, that not only easily win our love, but keep it forever. Very sweet and fragrant, a small bunch scenting up a whole room. Bloom early and very hardy; should be planted in a shady place. Best Berlin Pips, by mail postpaid; 6 for 25c; dozen 45c. By express not prepaid 100 for \$2.25.

QUALITY PEONIES

There is no hardy perennial which equals the Peony in beauty and usefulness. Once planted, the plants and flowers increase in size and beauty each season. They are as hardy as oaks and as handsome as roses. When the plants are through blooming they are as handsome and ornamental as most of the hardy shrubs. The plants are practically immune from insects.

An important point to observe in the planting of Herbaceous Peonies is not to plant too deep. The roots should be placed so that the crowns are covered with 2 inches of soil. Too deep planting is a frequent cause of shy flowering.

Price of all Peonies listed except where noted, your selection postpaid each 30c; 3 for 75c; dozen \$2.90. By express not prepaid doz., \$2.50.

WHITE PEONIES

Festiva Maxima—Pure white flaked red; very large; early.

Bride—White barely tinged flesh; midseason.

Mad Crousse—Large, white; midseason; blooms freely.

Charlemagne—Lilac white with blush center, large; late.

RED PEONIES

Mons. Bellart—Bright purplish crimson; tall; blooms freely.

Marechal Vaillant—Blood-red, very large, late.

Pottsi—A very dark, rich crimson; early; blooms freely.

Nellie B. Beckett—Bright deep rose tipped lighter; late.

PINK PEONIES

Mad Forel—Glossy pink, silvery reflex; medium tall; late.

Peony in beauty and usefulness. Once planted, the plants and flowers increase in size and beauty each season. They are as hardy as oaks and as handsome as roses. When the plants are through blooming they are as handsome and ornamental as most of the hardy shrubs. The plants are practically immune from insects.

An important point to observe in the planting of Herbaceous Peonies is not to plant too deep. The roots should be placed so that the crowns are covered with 2 inches of soil. Too deep planting is a frequent cause of shy flowering.

Floral Treasure—Bright shell pink; blooms freely; mid-late.

Duchesse d'Orleans—Soft pink shaded salmon; blooms freely.

Alexander Dumas—Pink interspersed with salmon and chamois.

PEONIES TO COLOR

Usually Called Mixed Peonies

Our Peonies to color you will find unsurpassed. They are fine, large flowers, with rich colors.

Best Mixtures of Double Bright Pink, Doz., \$2.25

Postpaid.

Best Mixture of Double Clear Rose, Dozen, \$2.25

Best Mixture of Double White and Bluish White, Doz., \$2.25, Postpaid.

Best Mixture of Double Red, Dozen, \$2.25, Postpaid.

Best Mixture of Double flowering, All Colors, Doz., \$2.25, Postpaid.

BEDDING CANNAS

GREEN FOLIAGE VARIETIES

Florence Vaughan—5 ft. The most famous of all Cannas. It still remains the best type of new Cannas. The flowers are of rich golden yellow, thickly dotted with bright golden red. Postpaid 15c; 3 for 30c. By express dozen, not prepaid \$1.

Mad Crozy—3½ ft. Vermillion with gold border. The sort which popularized the Canna. Postpaid 15c each; 3 for 35c. By express dozen not prepaid, \$1.25.

The Express—2½ ft., Bright scarlet crimson. Large broad flowers in immense trusses. This is the best dwarf red Canna. Postpaid each 15c; 3 for 35c. By express, dozen, not prepaid \$1.50.

Buttercup—3½ ft. A true bright buttercup yellow, large. Postpaid each 20c; 3 for 50c. By express dozen, \$1.40.

KING HUMBERT—Giant Flowered, Orange Scarlet, Bronze Leaf.

This remarkable "Gold Medal" Canna has been the sensation of the past six years. Of all the wonderful flowering and foliage plants introduced this one takes the lead for size, color and habit. It is a cross between the Orchid flowering and the French or Crozy type, combining the best features of both, the large flowers of one with the free-blooming character of the other; the handsome leathery foliage with a strong, noble habit. It has the broadest leaves. Postpaid each 15c; 3 for 35c; by express not prepaid, dozen \$1.75.

ORNAMENTAL CANNAS

Tall Red Leaf Varieties—Suitable for hedges, centers of flower beds, or screens. Flowers red. Each postpaid, 10c; 3 for 25c; Dozen 90c. By express not prepaid, doz. 50c.

SUMMER FLOWERING BULBS

DAHLIAS

NOTE—We fill all orders with strong divided Dormant Roots.

SHOW DAHLIAS

Show Dahlias are usually of solid color but in certain varieties the tips of the petals may be of another. They are usually round, ball-shaped, and are always beautiful and compact, desirable for cut flowers.

Price of all Show Dahlias listed, your selection of varieties, postpaid, each 20c; 3 for 50c; dozen \$1.85. By express not prepaid, 6 for 80c; doz., \$1.50.



SHOW DAHLIA

CACTUS DAHLIAS

The cactus forms of Dahlias are exceedingly beautiful, and are hard to excel. They have long twisted petals and embrace nearly all the colors and shades to be found in any of the other types.

Price of all Cactus Dahlias listed your selection of varieties, postpaid each 20c; 3 for 50c; doz., \$1.85. By express not prepaid, 6 for 80c, doz., \$1.50.

Aurora—The color is a remarkable shade of rich golden amber, elegantly tinged and shaded with apricot and dark ruddy copper, shading lighter towards tips of petals, intensely beautiful and resembling in color a splendid afterglow.

J. H. Jackson—This is without doubt the finest dark Cactus Dahlia. Its velvety black crimson-maroon shade is very striking. Large and perfect.

Kriemhilde—A magnificent variety bearing perfect flowers of fresh delicate pink shading to deep rose pink. The center petals ultimately change to creamy white, giving the mature flower a captivating pink and white effect.

Winsome—Flowers are very large and beautiful with twisted incurved petals and are borne on long erect stems holding the flower up in marked contrast to other white Cactus Dahlias.

RHEINKONG

The ideal white Cactus. A robust, healthy grower producing immense flowers 5 to 6 in. in diameter of pure snowy white, on stiff stems. Ideal for cutting, garden or decorative purposes.

GRAND DUKE ALEXIS

A magnificent Dahlia of the largest size. Its petals are beautifully quilled, giving it a very unique appearance. Its color is pure white, if slightly shaded, but overspread with delicate lavender when grown in bright sunlight. Undoubtedly one of the best of the show varieties.

VIRGINIA MAULE

A most delicate blush or shell pink. The world's best shell pink. The immense flowers are borne with stately grace on long erect stems. The plant is very strong and vigorous growing 4 to 5 feet high, branching habit, blooming early and profusely.

HOOSIER

A grand new Dahlia of a beautiful rose-pink color, with shadings of deep rosy crimson. Early profuse bloomers.

QUEEN VICTORIA

Pure Canary yellow, one of the freest bloomers. Good for cutting.

ROBERT BROOMFIELD

Pure snow-white, large size, very free bloomer; grand for cut flowers.

FLORAL PARK JEWEL

Rich purple red, tipped and striped with white. Sometimes solid color. Very early and free.

RED HUSSAR

Richest, dazzling cardinal red. Strong, vigorous grower and free bloomer on long stems. The best red show for cutting.

A. D. LIVONI.

A splendid clear pink, beautifully quilled, of perfect form and very free-flowering.

QUEEN WILHELMINA PEONY FLOWERED

This is a splendid variety of this new type with immense pure white flowers, with yellow center. It is very free flowering and the flowers are produced on good stems, making a fine variety for garden decoration. Postpaid each 20; 3 for 50c.

DAVID HARUM DECORATIVE

Bright orange scarlet with deep crimson shadings. Large flat flowers measuring 6 to 7 inches across. Thick, wide petals, full to the center. Flower stalks are strong and hold the flowers up well above the foliage. Very free blooming and early. We consider this one of our finest decorative Dahlias. Postpaid each 20c; 3 for 50c.

ASSORTED DAHLIAS

This assortment includes many of the varieties described above as well as a great many other sorts. For the person who is not particular about named sorts this mixture will more than please you, with the great variety of colors its contains. Postpaid ½ dozen 75c; dozen \$1.40.

BULBS FOR FALL PLANTING

Ready for our customers during September and October. We import from Holland each Fall large quantities of Fall Bulbs, our customers will find the quality to be first class in every particular.

SINGLE EARLY TULIP

Separate colors, red, white, yellow, pink, red and yellow. Dozen, 35c; 25 for 60c; 100 for \$1.85, postpaid.

MIXED EARLY FLOWERING SINGLE TULIPS

Made up from named sorts, proper proportion of bright colors, all blooming together and of uniform height; extra fine bulbs. per doz., 30c; 25 for 50c; 100 for \$1.75, postpaid.

DOUBLE EARLY TULIPS

Separate colors, red, white, yellow, pink, red and yellow. Dozen 35c 25 for 60c; 100 for \$1.85 postpaid.

MIXED EARLY FLOWERING DOUBLE TULIPS

Made up from named sorts with proper proportions of bright colors. All of uniform heights and blooming together. Extra fine bulbs. Dozen 30c; 25 for 50c; 100 for \$1.75, postpaid.

DARWIN TULIPS—LATE FLOWERING

For the Open Ground Only.

Remarkably brilliant bedding Tulips of largest size unsurpassed for May blooming. Flowers of finest form, borne on extremely long stems, very desirable for cutting. Fine assortment of mixed colors. Dozen, 35c; 25 for 60c; 100 for \$2.25, Postpaid.

QUALITY DUTCH HYACINTHS

SINGLE VARIETIES

All Single Hyacinths succeed well in pots and glasses for house culture—They are for forcing, more vigorous in growth, and produce stronger spikes of bloom.

Dark Red.	each	7c	doz.	75c	postpaid
Pink.	each	7c	doz.	75c	postpaid
Pure White.	each	7c	doz.	75c	postpaid
Bluish White.	each	7c	doz.	75c	postpaid
Light Blue.	each	7c	doz.	75c	postpaid
Dark Blue.	each	7c	doz.	75c	postpaid

DOUBLE VARIETIES

Our Double Hyacinths are extra high grade and can be depended upon to produce double howers that will very much please you.

Pure White.	each	7c	doz.	75c	postpaid
Dark Red.	each	7c	doz.	75c	postpaid
Dark Blue.	each	7c	doz.	75c	postpaid

WHITE FRENCH ROMAN HYACINTHS

Exquisite bells white as the driven snow and pleasantly fragrant. Never fails to bloom. Largely used for cut flowers. They are the earliest to bloom. Blooms by Christmas. Each bulb produces several spikes of blooms. Extra select bulbs, each, 5c; doz. 50c, postpaid.

FRESIA REFRACTA ALBA

Spikes of graceful flowers are produced just above the foliage, each bearing from five to eight flowers and buds, which last a long time after being cut. The flowers are pure white, with a touch of yellow at the inner base, and delightfully fragrant. 2 for 5c; dozen 25c, postpaid.

QUALITY NARCISSUS

NARCISSUS DOUBLE VON SION

This splendid Narcissus forces very rapidly. It increases in favor with the public every season. Anticipating a great shortage in the stock, we advise the early placing of orders as late buyers are almost certain to be disappointed. Each 5c; doz. 55c, postpaid.

EMPEROR

Largest double nose bulbs. One of the largest and finest daffodils in cultivation, pure yellow trumpet of immense size, and wide, overlapping, rich primrose perianth; for growing in pots is unequalled. Much in demand for cutting. Each 6c; Dozen 50c.

CROCUS

For massing in beds, for planting in clumps in the grass or for edging beds, for planting in clumps in the grass or for edging beds of other bulbs, these beautiful and earliest of spring flowering bulbs are unexcelled. Should be planted about the same time as Hyacinths.

MIXED CROCUS

Price, postpaid, Per Doz.	Per 100
Blue and purple shades.	10c 60c
Striped Variegated sorts.	10c 60c
White sorts.	10c 65c
Golden Yellow.	10c 75c
All colors, mixed.	10c 60c

PAPER WHITE GRANDIFLORA

Large Flowering

This is a new and improved variety, much earlier in bloom than the ordinary kind, individual flowers and trusses very much larger, more vigorous in growth, and a grand acquisition for early forcing—each bulb producing from two to three spikes, and each spike having a dozen or more pure white flowers. Each 5c; dozen, 50c, postpaid.

CHINESE SACRED LILIES

The flowers are white, with yellow cups and very fragrant. Each bulb produces several flower spikes, bearing many flowers for the most part they are grown in water in fancy bowls, with just enough pebbles around them to keep them from toppling over. They can also be grown in pots in soil, sand or moss. All extra fine large bulbs. Each 12c; 3 for 30c, postpaid.

OXALIS

Very beautiful for hanging baskets, pots and bordering beds.

Bermuda Buttercup—Giant yellow, profuse bloomer best for hanging baskets and winter blooming. 6 for 15c; doz., 25c, Postpaid.

Bowell, rosy red 6 for 15c doz., 25c; Postpaid
Alba, white, doz., 20c, postpaid.

POULTRY SUPPLIES

Customers to pay Express or Freight charges except when noted.

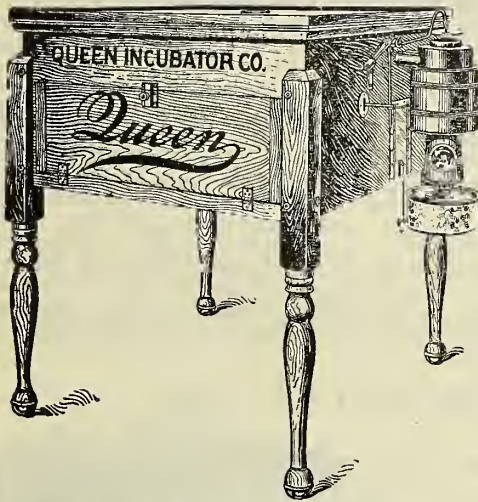
Our Poultry Supply department is complete with a large stock of strictly first class supplies, that will meet with your approval and prove satisfactory.

Every article guaranteed, your money back if you are not satisfied.

Get your neighbor to order with you and thus save freight. All orders given prompt attention.

QUEEN INCUBATORS

The Best Medium Priced Hot Water Incubator in the World



Write for Special Queen Catalogue,
Mailed Free

The Queen represents the most value for the money of any medium priced Incubator on the market.

The Queen is equipped with double doors, inner one of glass, outer door of solid Redwood, both fitting tight and locked with spring catches.

Queen heating parts are made of pure Lake Superior cold rolled, heavy weight sheet copper, having all joints and seams doubled locked and soldered.

"Queen" Incubators are made of California Redwood, double case, each lined with asbestos felt; dead air space all around; extra heavy copper heaters and tanks with lock seam joints, making them indestructible; the improved heaters use all the heat generated—no loss of oil. Large up-to-date sanitary nursery tray, safety lamp with seamless galvanized bowl that cannot leak. Faultless ventilation that requires no attention regulators that control the temperature, making "Queen" Incubators automatic and easy to operate.

The Queen safety lamp has seamless, cold drawn, galvanized steel lamp bowl, equipped with Queen special cold blast burner, with removable gauze base and long, free combustion flue.

The Queen automatic heat regulator with 4-in. double dish water thermostat has four adjustments, insuring perfect regulation. Absolutely no friction or interference in action in any way.

COMPLETE EQUIPMENT

Every Queen Incubator is furnished with Automatic Heat Regulator, fully jacketed copper boiler and radiator, galvanized steel lamp bowl, steel combination flue and egg tester, heavy brass burner with removable gauze, adjustable metal lamp

shelf, best mercury thermometer, funnel, egg trays, chick and nursery drawers, screws and washer for attaching parts. A complete 32 page instruction book, tells how to set up and run the Queen for big results and also, gives a large amount of information useful to the chicken raiser

PRICES ON QUEEN INCUBATORS, FREIGHT PAID TO YOUR STATION

No. 1 Queen Incubator, holds 75 eggs....\$11.20	No. 4 Queen Incubator, holds 250 eggs.... 20.80
No. 2 Queen Incubator, holds 125 eggs.... 14.40	No. 5 Queen Incubator, holds 375 eggs.... 27.20
No. 3 Queen Incubator, holds 165 eggs.... 17.60	The Ranch Size Queen holds 500 eggs.... 35.20

QUEEN BROODERS

Freight Paid to Your Station

Use little oil; no trouble to maintain heat in zero weather; perfect ventilation; three different temperatures; chickens find their own comfort.

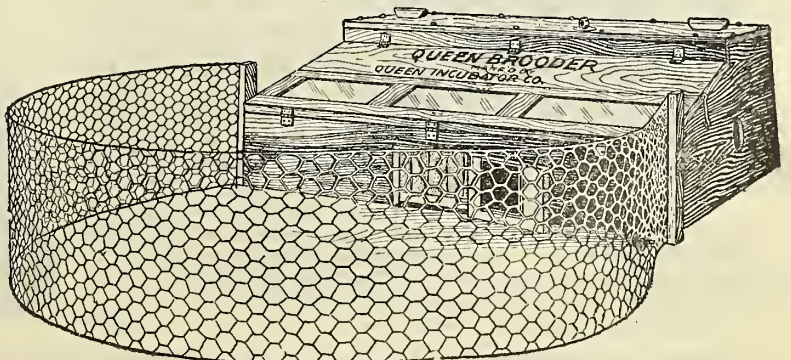
Queen Indoor Brooder

No. 6 60 chick size...\$6.40
No. 7 100 chick size... 7.20
No. 8 160 chick size... 8.00
No. 9 240 chick size... 8.80

Queen Outdoor Brooder

No. 10 120 chick size...\$11.20
No. 11 160 chick size...12.80
No. 12 240 chick size...14.40

When Incubator and Brooder are ordered at one time you may deduct 50c from order.

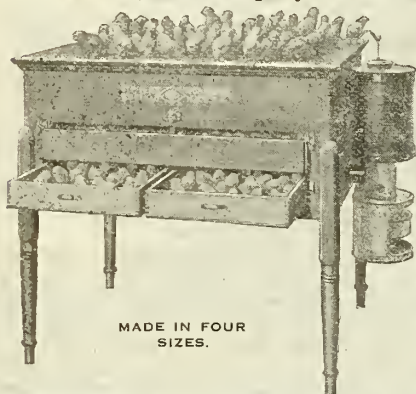


WE ARE AUTHORIZED AGENTS FOR

Genuine Cyphers Company Incubators Patented

Send for Special Cyphers Catalogue, Mailed free for the asking.

For the season of 1916 we offer our customers the Cyphers Incubator Company's complete line of Incubators. . . These styles of high-class, guaranteed hatching machines, running through the different sizes, represent all that is efficient, convenient and reliable in incubator construction. In buying a Cyphers Company Incubator you take no chances.



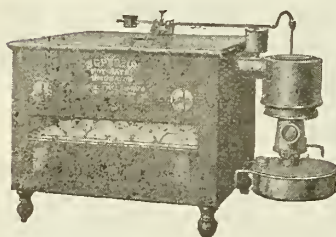
MADE IN FOUR SIZES.

390-400 Egg Standard Cyphers Incubator, Price Complete in all Details \$38.00

STANDARD CYPHERS INCUBATORS

These are machines that for fifteen years and more have been recognized as the "Standard Hatchers of the World." Tens upon tens of thousands of them have been sold and are in Successful use in every civilized country on the globe. They are used by more Government Experiment Stations, on more large, practical poultry plants, on more successful duck and egg farms, and by a larger number of foremost poultry breeders than all other makes combined. They are the last word to date in incubator building, not a penny being spared anywhere in their construction to make sure of their doing satisfactory work in all climes, under widely different conditions, in the hands of all sorts of people. They are built to hatch and to last. With ordinary care they should last an ordinary lifetime. Every Standard Cyphers Incubator is guaranteed by the manufacturers to do first-class work in the hands of every purchaser who will give it a fair trial. Are built in four popular sizes and at prices as follows: 70 eggs, price complete, \$15.00; 140 eggs, price complete \$22.00; 244 eggs, price complete \$32.00; 390-400 eggs, price complete \$38.00.

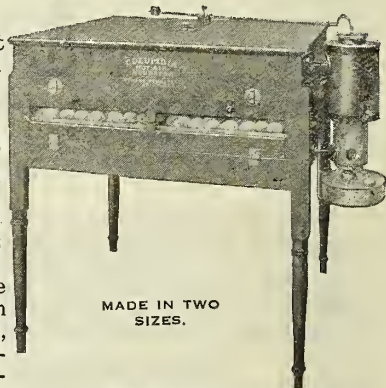
SUPERIOR HOT WATER INCUBATORS



SMALL-SIZED SUPERIOR Incubator. Are equipped with Capacity 65 Eggs. Price Complete, \$10.00

Standard Cyphers zinc and steel, toggle-joint thermostat and knife-edged regulator. Have forced water circulation and are automatic in ventilation. Roomy chick nurseries. Are built in two sizes: 60-65 eggs price complete \$10; 120-130 eggs (see illustration) price complete, \$14.00 FULLY GUARANTEED.

These machines are exactly what the name says. They are heated by hot-water, instead of with hot-air and are "superior" in every detail. The water boiler and tank (tubular) are of heavy-weighted copper. Lamp has seamless bowl; burner is best on market. Incubator case is of wood, attractively finished in golden brown, with brass trimmings (hinges, buttons, etc.) and has double walls with air space



MADE IN TWO SIZES.

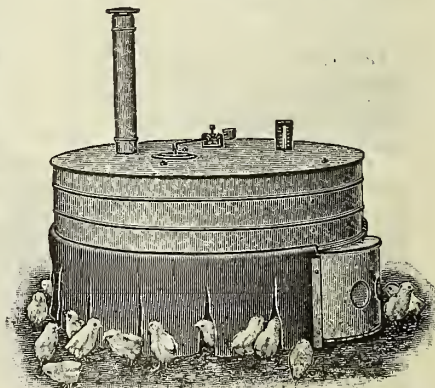
120-130 Egg Superior Hot-Water Incubator. Price Complete in Every Detail, \$14.00

CYPHERS PORTABLE HOVER

The Cyphers Portable Hover is the only self-regulating and self-ventilating Portable Brooding Hover thus far invented, and we guarantee it to be the best brooding device of the kind on the market. As it is equipped with the same high-grade thermostat as the Cyphers Incubators and the Cyphers Adaptable Hover, it maintains a steady and uniform heat. It is positively and infallibly automatic in ventilation, preventing the trapping of "dead" air or poisonous gases, underneath the curtain. A continuous supply of fresh, warmed air is automatically forced beneath the hover.

This portable Hover, as its name indicates can be picked up at any time, all complete, and moved about without hindering its operation. Very convenient for cleaning and moving. Rated capacity seventy-five newly hatched chicks, or fifty chicks that are ten days to six weeks old.

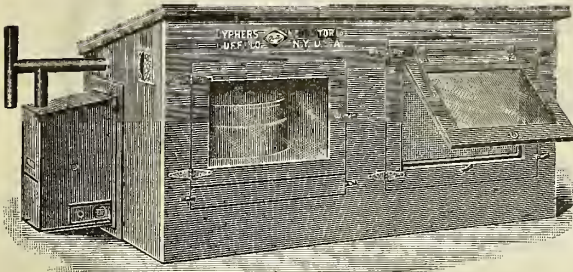
Price of Cyphers Portable Hover.....\$8.50



WRITE FOR COMPLETE CATALOGUE OF CYPHERS INCUBATORS AND BROODERS

Cyphers Company Brooders and Hovers

STANDARD CYPHERS BROODER



CYPHERS STYLE B OUTDOOR BROODER

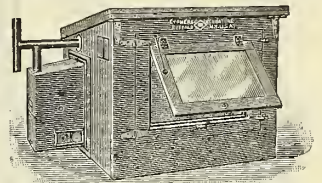
Fire-Proof—Insurable. Three-Apartment, Combination Outdoor Brooder and Colony Roosting Coop. Self-Ventilating and Self-Regulating. Floors of hover and exercising apartments on same level.

THIS DOUBLE USE of the Cyphers Brooder means considerable saving of money. It makes a safe and comfortable enclosure for the young chicks at night, and saves the buying of a coop for them. These outdoor brooders, on account of their fire-proof construction, can be used indoors equally well. All Cyphers 1916 Brooders contain either two or three apartments. The popular Style B (shown in Illustration herewith.) contains three apartments; first, roomy space under the hover; second, hover chamber, third, well lighted exercising apartment. It has often been said by users of Cyphers Brooders that "They Mother the Chicks Better than a Hen."

Style A. 2-Apartment Outdoor Brooder (Capacity 75 chicks)....\$12.50
Style B. 3-Apartment Outdoor Brooder (Capacity 100 chicks)....\$16.50
Style C. 3-Apartment-Outdoor Brooder, (for cold climates) Capacity 100 Chicks.....\$18.50

The Standard Cyphers Brooders are not only fire-proofed and insurable, but are most durable, convenient and most efficient indoor and outdoor brooders thus far invented and placed on the market. They are equipped with the same type of high-grade thermostat as used on the Standard Cyphers Incubator—you can therefore depend upon an even, steady temperature in the hover, and a lively, thrifty, growing lot of chicks.

These Cyphers 1916 Brooders, all sizes and styles, are self-regulating, self-ventilating and varmint-proof. They are usable also as colony coops for the growing chicks. They are easily and quickly converted into colony roosting coops by simply taking out the hover, which is made removable for that purpose.



Cyphers Style A Outdoor Brooder

Fire proof, Insurable. 2-Apartment Combination Outdoor Brooder and Colony Roosting Coop, Self-Ventilating and Self-Regulating.

INCUBATOR AND BROODER SUPPLIES

EGG TESTERS An all metal egg tester that is reliable. Each 30c. Postage extra 5c.

INCUBATOR LAMPS—Made of heavy galvanized steel, will last for years. Can be used with almost all makes of incubators. Fitted with burners. Small size holds 1 qt. of oil, fitted with No. 1 or 2 burner, complete 90c. Large size holds 2 qts. with No. 3 burner, complete \$1.00. Postal weight 1 qt. size 1 lb., 2 qt. size lbs.

BROODER LAMPS 1 qt. size heavy galvanized iron, 80c, 2 qt. size, galvanized iron, 90c. Postal wt. 1 qt. size 1 lb. 2 qt. size 2 lbs. Metallic Lamp chimneys each 25c.

LAMP BURNERS—Good heavy burners that will give satisfaction. Nos 1 and 2 each 35c; No. 3 each 50c.

TYCOS HIGH GRADE TESTED THERMOMETERS Guaranteed Accurate. "Tycos" Incubator and Brooder Thermometers are recognized as the world's standard. Guaranteed accurate, can be used with perfect assurance in any make of Incubator or Brooder. Postpaid 65c.

"TYCOS" BROODER THERMOMETER Made with wooden back, for protection. A good accurate, strong thermometer. Postpaid each 35c.

"TYCOS INCUBATOR HYGROMETER—The use of the "Tycos" Incubator Hygrometer effectively lessens the percent of chicks dying in the shell—due largely to improper moisture conditions.

"Tycos" Incubator Hygrometer, each \$1.50, postage extra 5c



"TYCOS" HYGROMETER



CHAMPLAIN LEG BANDS

Adjustable, The Best Made

Three inches Long. Made of Aluminum. are adjustable. 1 dozen for 15c; 25 for 25c; 50 for 40c; 100 for 75c; 250 for \$1.75; 500 for \$3.75, postpaid. In ordering bands State Size Wanted.

REDING & CLARK'S SPECIAL CHICK FEED



SAVE THE CHICKS

The best chick feed your money can buy. A scientific complete feed in every way. Will make your chicks grow faster, and thriftier than you ever had them

from the day the chicks are hatched until they are old enough to eat whole grain. It is perfectly free from dirt and dust. Compounded in correct proportions to contain the right amount of protein, fat and fibre. By feeding it you do away with the risk of bowel trouble, that dreaded disease that kills millions of chicks each year. Our price is reasonable and you will find it economical to feed. One pound of this clean, sweet food will go as far as two pounds of cheap, trashy foods of the ordinary kinds. We ask you to try R.&C.'s "Special" chick feed this season and you will be delighted with the result. 8 1-3 lb. bag, 25c; 25 lbs., 65c; 50 lbs., \$1.30; 100 lbs., \$2.50. Larger quantities \$2.40 per 100 lbs.

SAVE THE CHICKS

grow. R.&C.'s Special chick feed is composed of pure sweet, cleaned cracked seeds, charcoal and bone. It is perfectly balanced, and should be fed dry

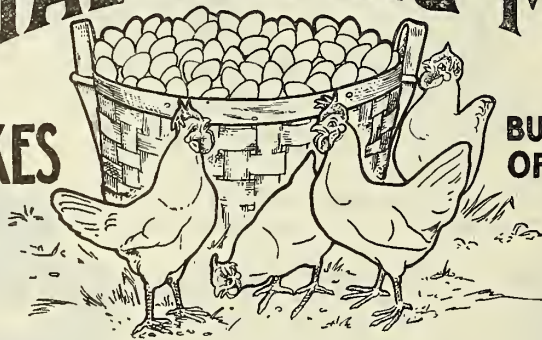
Reding & Clark's SPECIAL LAYING MASH

MAKES

**BUSHEL
OF EGGS**

EGGS

Strong in Albumen and egg making properties. Nothing like it to make eggs in winter. This is a ground food to be



EGGS

mixed with warm water, or fed dry, and only as much fed in the morning as will be eaten up clean. You may mix your table

scraps if you wish. If fed according to directions will not fail to give perfect satisfaction. No feed in existence equals it to make hens lay. Especially valuable for winter feeding.

In addition to its Medicinal properties it contains the following: Red pepper, Meat Meal, Blood Meal, Gluten Meal, Flax Seed Meal, Alfalfa Meal, Bone Meal, Cotton Seed Meal, Crushed Wheat Kaffir Corn, Middlings and Bran. Feed it ten days if it fails you had better kill the hens.

It is all feed and no waste. The materials in this food take the place of green food and meat and make hens lay all the year around.

It is being fed daily to thousands of poultry. Eggs are high in price, and every poultry raiser should be interested in getting more eggs at a less cost. 8 1-3 lbs., 25c; 25 lbs., 65c; 50 lbs., \$1.30; 100 lbs., \$2.50. Larger Quantities, \$2.40 per 100 lbs.

REDING & CLARK'S SPECIAL SCRATCH FEED

A correctly proportioned Feed composed of clean, wholesome grains, bone, charcoal and sunflower, absolutely no waste or dirt, all clean, wholesome food. Keeps your hens healthy, prevents soft shell eggs and certainly produces eggs. All the elements necessary to produce eggs are combined in the correct proportions in our Special Scratch Feed.

Feed Special Laying Mash in the morning and Special Scratch Feed noon and night for positive Egg results. 8 1-3 lbs., 25c; 25 lbs., 65c; 50 lbs., \$1.25; 100 lbs., \$2.40; 500 lbs., \$11.25

GRANULATED BONE

Fine for laying hens, granulated to about the size of wheat and thoroughly cleaned; you will find this bone to be one of the best egg producing and conditioning foods you have ever fed. In two sizes, Medium for hens and Chick Size for little chicks. Please state size wanted.

10 pounds.....	40c
25 pounds.....	90c
50 pounds.....	\$1.45
100 pounds.....	\$2.85

OIL CAKE MEAL

Old process ground Oil Cake very valuable for stock and poultry of all kinds. 10 lbs., 30c; 50 lbs., \$1.25; 100 lbs., \$2.35.

PURE BLOOD MEAL

One of the best egg producing foods known. If your hens are not moulting good, if their combs are not red and you are not getting as many eggs as you ought to have, just get a few pounds of our pure dried blood and feed it regularly, and, we'll guarantee that inside of two weeks you will see the big change in hens.

10 pounds.....	50c
25 pounds.....	\$1.00
50 pounds.....	\$1.95
100 pounds.....	\$3.85

ALFALFA MEAL

The best winter substitute for green stuff. The hay is cut when at the greenest stage of growth, cured and ground fine, nothing better. 10 lbs., 20c; 50 lbs., 70c; 100 lbs., \$1.25.

CHARCOAL GRANULATED

Two sizes, chick and hen.

Specify which size is wanted.

A valuable tonic for poultry and hogs. It is a pure and well burned and ground product, and can be taken by you as well as it can be fed to chickens, birds and animals.

5 pounds.....	25c
10 pounds.....	40c
25 pounds.....	75c
100 pounds.....	\$2.75

MICA CRYSTAL GRIT

Perhaps the hardest rock formed consequently the best for chickens. 10 lbs., 20c; 25 lbs., 40c; 100 lbs., \$1.25.

GLASS NEST EGGS

The best made; look more like the natural egg and more than pay for their cost the first season. Packed 1 doz in cartoon. Postpaid Doz., 35c. By express or freight, Doz., 25c; 5 Doz., \$1.00.

BEEF OR MEAT SCRAPS

This meat ground in size from that of wheat grain to as large as a pea. Meat is one of the most essential elements for egg production, and this is the best way to buy it. No waste, but all good clear pieces of meat.

10 pounds.....	50c
25 pounds.....	\$1.00
50 pounds.....	\$1.90
100 pounds.....	\$3.75

PURE MEAT MEAL

This meal is composed of beef scraps and blood and supplies the necessary protein and nitrogen to promote a good healthy growth in your chickens.

10 pounds.....	50c
25 pounds.....	\$1.00
50 pounds.....	\$1.90
100 pounds.....	\$3.75

PURE FLAX SEED MEAL

This is pure recleaned Flax seed ground fine. Contains all the oil. It is one of the best stock and poultry Regulators known. It cleans out the system, regulates the blood and brightens the eye. One of the best milk producers. 10 lbs., 60c; 50 lbs., \$2.75; 100 lbs., \$5.00

COTTON SEED MEAL

Valuable for poultry, if properly fed, contains 41 per cent protein, very fattening. 10 lbs., 25c; 50 lbs., \$1.00; 100 lbs., \$1.75.

CRUSHED SHELL FOR POULTRY

Manufactured from pure pearl, being trimmings from button factories where they use only fresh live stock, direct from the water.

Advantage gained by the use of it—It acts as a grit and prevents cholera and other diseases. It makes the hens lay more. It prevents soft shells. It contains many essential compounds of the egg. It makes eggs larger and heavier. It prevents hens eating their eggs, is sharp and clean and contains 95 per cent of carbonate of lime, as shown by chemical analysis. Send us a trial order. You cannot afford to be without it. Made in two sizes. No. 1 for hens, No. 2 for little chicks, pigeons and birds. Price, small quantities 1c per lb. Larger quantities 75c per 100 lbs.; 500 lbs., at 70c per cwt.

DRINKING FOUNTAINS, FEEDERS, ETC.

QUANTITY PRICES OF ALL ARTICLES ON THIS PAGE

Five per cent discount for six on one order; ten per cent discount for twelve. Orders may be assorted sizes. Take low freight as tinware.

WALL FOUNTAINS

Made of heavy galvanized iron keeps the water fresh and clean. The best Fountain on the market. Made in two sizes.

No. 1. 1-Gallon, each 50c, 6 for \$2.75

No. 2. 2-Gallon, each 75c, 6 for \$4.25

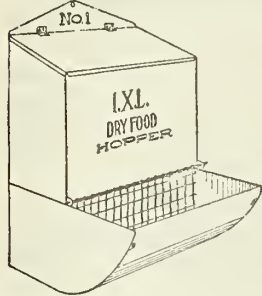
Postal weight No. 1, 2 lbs.

Postal weight No. 2, 3 lbs.



CHICK FOUNTAIN

The Best thing yet for little chicks. Keeps the water clean and fresh. Any Mason Fruit Jar fits them. Price without jar, each 15c; 6 for 75c.

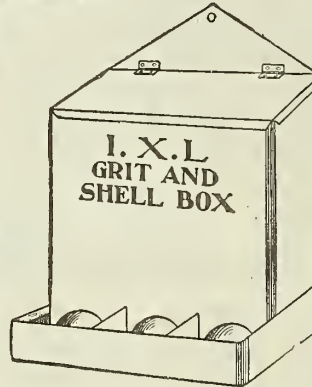


I. X. L.

Dry Food Hopper.

One of the Best Food Hoppers on the market. Prevents waste, saves its cost in almost no time. Each 75c; 6 for \$4.25.

Postal weight 4 lbs.



I. X. L.

Grit and Shell Box

Heavy galvanized iron, three compartments. Just what you have been needing. Saves its cost in a short while. Each 50c; 6 for \$2.75.

Postal weight 3 lbs.

THE NATIONAL FOOD HOPPER

A revelation in Food Hoppers. Mouse and rat proof. Can be closed up tight at night. Prevents wastage. Cannot clog. Mash, grain, beef scraps, etc, can be fed in this Hopper with no waste. Saves labor and time. Made in three sizes.

No. 1, 12 inches long, 75c, 6 for \$4.25

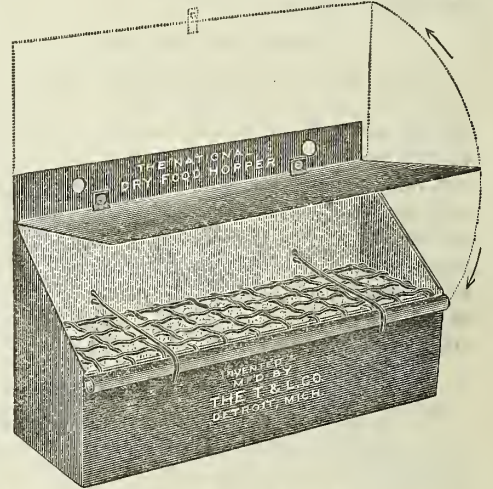
No. 2, 18 inches long, \$1.00, 6 for \$5.50

No. 3, 24 inches long, \$1.25, 6 for \$7.00

Postal weight—Nos. 1 and 2, 3 lbs., No. 3, 4 lbs.

PETTEY'S POULTRY PUNCH

The top of perfection in Poultry Punches. Made of best spring steel, handy; one person can use it easily. Can be put on your key-ring and you will always know where it is. Price 25c; postpaid.

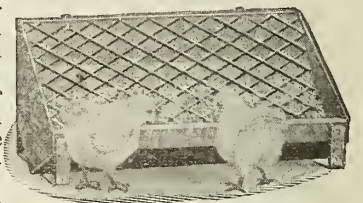


LARGE DRY FEED

BOSTON DRY FOOD HOPPERS

The use of these hoppers will positively save their original cost every week in the case of adult fowls and every month or less in the case of chicks. Besides this they will help greatly to keep your fowls and chicks in a healthy condition by insuring them clean food entirely free from filth of any kind. Every poultryman will appreciate this feature.

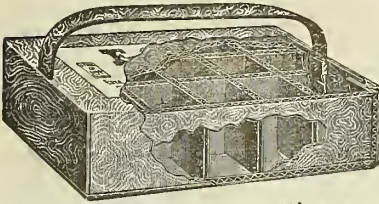
These hoppers are made in four sizes two for chicks and two for adult fowls. See illustrations and prices herewith. Half bushel size for dry feed of any kind, fed either indoors or outdoors; similar shaped smaller size is for beef scrap, charcoal, oyster shell, grit, etc. Chick sizes keep food clean and prevent bowel trouble.



SHORT CHICKEN FEED

PRICE LIST	
Large Dry Feed.....	\$1.00
17 in. high, 8 in. deep, 13 in. wide.	
Holds one-half bushel. Weight, 4½ lbs.	
Beef, Scrap, Grit, Etc.....	.90
17 in. high, 8 in. deep, 7 in. wide.	
Holds one peck. Weight, 3 lbs.	
Short Chicken Size.....	\$1.00
15 in. long, 8 in. high, 4½ in. deep.	
Holds one-half peck. Weight, 2½ lbs.	
Long Chicken Size.....	1.50
29 in. long, 8 in. high, 4½ in. deep.	
Holds one peck. Weight, 3½ lbs.	

THE EYRIE EGG BOX



The Eyrie Egg Box is the lightest weighing only two and three-quarters pounds packed for shipment.

The self locking handle absolutely prevents pilfering of the contents or the substitution of other eggs. Also the handle makes an easy carried

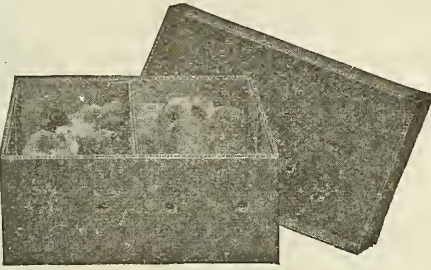
package and prevents putting anything on top of the box, thus eliminating the liability of rough usage.

In shipping high priced eggs for hatching it is very important that they should be kept as uniform in temperature as possible. The Eyrie does this, the dead air cells in the corrugated paper making an effective shield against either heat or cold.

- No. 1. For one setting (15 eggs) 15c; 6 for 75c; doz. \$1.40.
 No. 2. For two settings (30 eggs) 20c; 6 for \$1.10, doz. \$2.00
 Postal weight 1 lb. each.

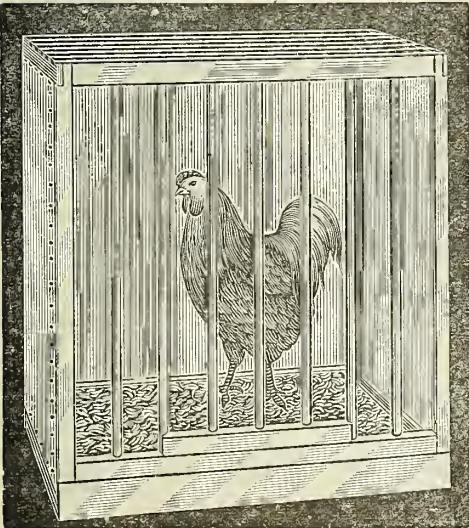
LIVE CHICK BOXES

"The Sefton Live Chick Box" is shipped to you folded flat and very easily set up. Made from Corrugated Paper throughout. It is lighter and much more convenient than wooden boxes



and in some instances the amount saved in express charges alone will pay for the box.

- No. 1, 25 chick size, each 15c; doz., \$1.30.
 No. 2, 50 chick size, each 20c; doz., \$1.80.
 No. 3, 100 chick size, each 30c; doz., \$3.00.
 Postal weight; No. 1, 1 lb.; No. 2, 2 lbs.; No. 3, 2 lbs.



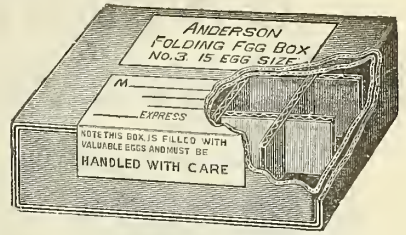
and cold. They are easily set up, are neat and attractive.

Made in three sizes, for single birds, pairs, and breeding pens.

A. 12x16x18 in. each 35c; 3 for 90c; dozen \$3.25

B. 12x18x22 in. each 40c; 3 for \$1.05, dozen, \$3.75.

C. 20x22x22 in. each 60c; 3 for \$1.60, dozen \$6.00.



THE ANDERSON EGG BOX

Made of heavy corrugated pasteboard, light, substantial, well made, will carry eggs safely anywhere, price considered, this is the best for the money. We sell lots of them.

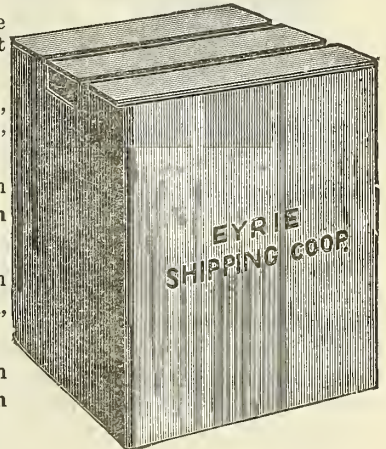
- No. 3, one setting each 15c; doz., \$1.20.

- No. 4 Two settings, each 20c; doz., \$1.90.
 No. 5 50 egg size, each 30c; doz., \$2.85.
 Postal weight, 1 lb. each.

Your orders are always appreciated and will receive our careful attention.

"THE EYRIE SHIPPING COOP"

These coops are shipped to you folded flat, thus reducing freight or express charges. The top and bottom are strongly constructed of wood. The body is made from extra heavy Corrugated Fibre Board, protecting the fowls from draughts, heat



REDING & CLARK'S PERFECTION FOLDING EXHIBITION COOP

A folding coop, easily and quickly set up or taken down. Clean, light and attractive, safe and comfortable for the birds, showing them to the best possible advantage. The Perfection Folding coop is suitable both for the small exhibitor with only a few birds or for the largest associations.

Prices of the Perfection Coops in the flat:
 No. 1 coop for single birds or pairs 24x24x30, each \$1.50. Weight 15 lbs.

No. 2 coops for pen 24x40x30, each, \$2.25. Wt. 22 lbs.

One coop of each size for \$3.50.

Write for prices on larger quantities.

CONKEY POULTRY REMEDIES

One for each disease and guaranteed, results or your money back. Send for Special Poultry Disease Book. We will mail it free for the asking.

Conkey's Roup Remedy.



Is used in every civilized country of the world. It has wonderful curative qualities immediately kills the disease germs. The success of the remedy is much due to the fact that it is simply put in the drinking water and the fowl takes

its own medicine. Price three sizes, 25c, 50c and \$1.00, postpaid.

Conkey's Fly Knocker—The best fly preventative on the market, kills every fly it hits. 1 qt., 35c; 2 qts., 60c; 1 gal., \$1.00; 5 gal. (jacketed) \$3.75. Expressage extra.

Conkey's Head Lice Ointment, 1 oz. tube, 10c; 3 oz. tube 25c. Postpaid.

Conkey's Lice Liquid, 1 qt. 35c; 2 qts. 60c; 1 gal. \$1.00. Not Prepaid.

Conkey's Noxide, pt. 35c; qt. 60c; ½ gal. 90c; gal. \$1.00. Not Prepaid.

Other Conkey Remedies

	Postpaid
Bronchitis Remedy.	50c. 55c
Cholera Remedy.	25c-50c. 25c-50c
Chicken Pox Remedy.	50c. 55c
Limber Neck Remedy.	50c. 55c
Scaly Leg Remedy.	25c. 30c
Gape Remedy.	50c. 55c
W. Diarrhoea Remedy.	25c-50c. 25c-50c
Poultry Tonic.	25c. 30c
Rheumatic Remedy.	50c. 55c
Poultry Worm Remedy.	50c. 55c

Conkey's Lice Powder, guaranteed. 5 oz. pkg., 10c; postpaid 15c; 15 oz., pkg., 25c; postpaid 30c; 48 oz. pkg., 50c; postpaid 60c.

Conkey's Laying Tonic—The best egg producer known. 1½ lb. pkg., 25c; Postpaid 35c; 3¼ lb. pkg., 50c; postpaid 65c; 7 lb., pkg., \$1.00; postpaid, \$1.25.

PRATTS ANIMAL AND POULTY REGULATORS AND VETERINARY REMEDIES



	Postpaid
Pratts Roup Cure., 25c and 50c.	25c and 50c
Pratts White Diarrhoea Remedy in 25c, 50c pkgs.	25c and 50c
Pratts Chicken Cholera Remedy, 25c and 50c pkgs.	30c and 55c
Pratts Sore Head Chicken Pox Remedy, 25c and 50c boxes.	30c and 55c

Pratts Poultry Regulator, pkgs 25c, 50c, \$1.00 and \$2.50 Not Prepaid.

Pratts Animal Regulator, pkgs., 25c, 50c, 75c and \$1.00

Pratts Condition Powder, pkgs. 25c, 50, and \$1.00

Pratts Hog Cholera Specific, pkgs., 50c; pails, \$2.00 and \$3.50.

Pratts Cow Tonic, pkg 50c., Pails \$2.00 and \$3.50.

Pratts Distemper Cure. 50c bottle.

Pratts Liquid Spavin Remedy, 50c bottle.

Pratts Animal Dip, 35c, 50c and \$1.00 cans.

Pratts Dog Biscuit, 10c lb., 3 lbs., 25c; 10 lbs., 75c; 25 lbs., \$1.75.

Pratts Head Lice Ointment, 25c box. 25c

Pratts Powdered Lice Killer, 25c and 50c pkgs. 30c and 60c

Pratts Liquid Lice Killer, 35c, 60c and \$1.00 cans.

Pratts Veterinary Colic Cure, 50c and \$1.00.

Pratts Veterinary Healing Ointment (Gall Cure), 25c and 50c boxes. 25c and 50c

Pratts Veterinary Liniment, 25c, 50c and \$1.00 bottles.

Pratts Specially Prepared Worm Powder, 50c pkg. 60c

Pratts Heave, Cough and Cold Cure, 50c and \$1.00 pkgs. 60c and \$1.00

STONEWARE

We carry a complete line of high class Stoneware, and can name you very close prices on first class stock.

Buying in car lots, places us in a position to take care of your orders to your advantage, Write for special prices on anything in this line.

SPRAYING OUTFITS

We list only small spraying outfits in this catalogue, but are prepared to furnish anything in this line up to the largest traction outfits. Will gladly mail catalogue pertaining to general outfits on request.

AUTO SPRAY NO. 1.

This is the best compressed Air Sprayer offered today. Quick, handy and durable.

The "Auto Spray" is the favorite with nurserymen, potato growers and market gardeners everywhere, is used by nearly all the state experiment stations and by the U. S. government as well as by thousands of representative agriculturalists and horticulturists throughout the world.

The "Auto Spray" works automatically for six to fifteen minutes. May be charged in 15 seconds by a few strokes of the plunger. Has a capacity of four gallons.

No other style sprayer will do such a variety of work, and do it so well. We recommend it for trees, shrubs, and vines, greenhouses, hospitals and stables for disinfectants, for sheep and cattle dip; and cattle fly oils, also in the hen house.

The illustration shows the "Auto Spray" equipped with stop cock. Letter A. shows the Auto Pop Nozzle.

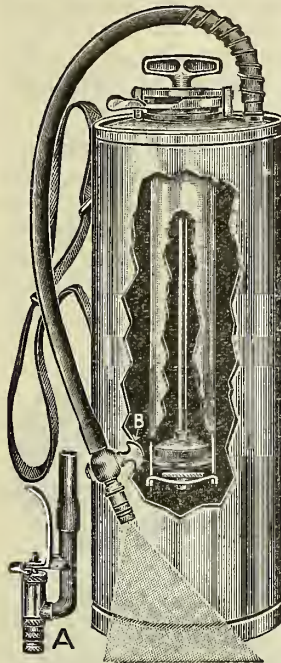


Aupto Spray in the Field.

PRICE OF AUTO SPRAY NO. 1

No. 1—C Galvanized with stop cock.....	\$5.00
No. 1—D Galvanized with auto pop.....	5.50
No. 1—A Brass with stop cock.....	7.25
No. 1—B Brass with auto pop.....	7.75

Descriptive Spray Pump Catalogue and Spray calendar mailed free, write for it.



THE MYERS BUCKET SPRAY PUMP

No. 327½. Made of heavy brass, will last a lifetime. Throws a fine or coarse spray, or solid stream. We know of nothing better in a bucket spray pump. Price \$2.90.

No. 323 R. In this pump we offer to our friends a Brass Bucket Spray Pump with more real advantages than are contained in any other make of spray pump now on the market.

It has all the advantages of the ordinary barrel and bucket pump combined, and is sold at a moderate price. Has one-half more air chamber than any other make of bucket pump, and is made of brass with ball valves, handle and foot rest with maleable iron.

The work is all done on the down stroke of the handle, and can be operated with one third the power required for any other old style bucket spray pump. Price \$3.90.

FAULTLESS SPRAYER

Capacity 1 Quart

The best sprayer made. Throws a spray as fine as mist rendering the use of strong solutions safe on tender foliage plants; it forces the fluid into every crevice without using half the quantity required by syringe or sprinkler. Price, heavy tin, 50c; 3 for \$1.25.

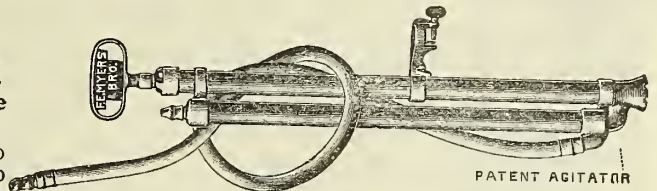
Galvanized can, each 60c. Postal weight 2 lbs.

THE ACME SINGLE POWDER GUN

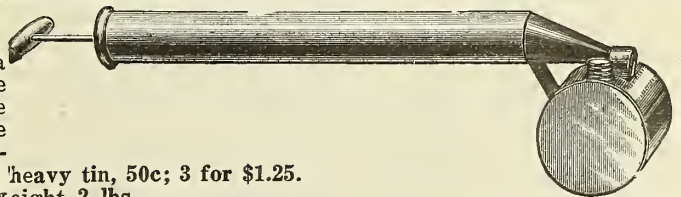
This tool is simply a bellows, with a spray-tube ingeniously arranged to collect and direct a blast of air charged with just the required amount of poison. By varying the strength of the blast at the operator's discretion any amount may be applied.

A spreader is furnished to diffuse the spray, a funnel to aid in directing the spray on the plant, and the famous "Acme Elbow", which, without your stooping, will cover the underside of the leaves, of low-growing plants and vines.

Bellows are made from an excellent quality of russet leather, bellows sides are of basswood, painted vermilion and varnished, and handles of beach or maple, varnished in the natural colors of the wood. Price \$1.00.



SPRAY PUMP NO 327½



SPRAYING MATERIALS

POWDERED ARSENATE OF LEAD

Powdered Arsenate of Lead is formed by the combination of lead oxide and arsenic oxide. It is all active—containing not the smallest fraction of inert material. This product contains one-third arsenic—the most effective known poison for leaf-eating insects—which is closely combined with pure lead, in such a way that there is no free arsenic left to “burn” the foliage.

Arsenate of Lead has been used in powdered form for combination in wet sprays for many years. Its reputation as the most efficient insect poison is firmly established. Price $\frac{1}{2}$ lb., 25c; lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00; 50 lbs., \$12.50; 100 lbs., \$22.00.



Arsenate of Lead, in Paste Form—Used to destroy all leaf-eating insects that attack the foliage of fruit trees, flowers, vegetables and plants, especially effective for killing potato bugs. When spraying potato vines it is very important that the poison be applied very early. The first spraying should be made when the vines are two or three inches high. Arsenate of Lead forms a glaze on the leaves, does not wash off easily like Paris Green and other spray materials. You will find it the very best for an all purpose spraying material. Price 1 lb., 25c; 2 lbs., 45c; 5 lbs., 90c; 10 lb., \$1.75; 100 lbs., \$16.00

Slug Shot—Kills the Current worm, potato bug, cabbage worm, slug on roses, caterpillars, aphids on roses, bugs on melons and bugs on asters, cut worms, sow bugs, lice on fowls, curculio on plums, tobacco worms, etc. 1 lb., 10c; 3 lbs., 25c; 5 lbs., 40c; 10 lbs., 60c; 25 lbs., \$1.25. If to be sent by mail add 5c per pound for postage.



Bordeaux Mixture—This mixture not only prevents blight, scab, rust, mildew, black-rot, and all fungus diseases of plants and fruits, but improves the quality and increases the yield. It should be used on all vine-crops, grapes, cucumbers, melons, tomatoes, etc. Potatoes especially respond generously to thorough spraying. To make a combined fungicide and insecticide, add a pound of Paris green, or two pounds of Arsenate of Lead, to 150 gallons of the diluted mixture. Our paste mixture is ready for use by simply adding water and works freely in the sprayer without clogging. Price 1 lb., 25c; 5 lbs., 90c; 10 lbs., \$1.65; 50 lbs., \$5.00; 100 lbs., \$9.00.

Paris Green—For leaf-eating insects. It is a strong poison and should be used with care. Mix one pound of Paris green to 50 pounds of plaster, or with water to 150 gallons. On vines and tender vegetables use a larger proportion of plaster or water. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; lb., 40c; 10 lbs., \$2.75; 100 lbs., \$22.50.

Tobacco Dust—One of the cheapest and most effective remedies for lice and worms on cabbage, striped bugs and other insects on melons, cucumbers and squashes; a splendid preventative for strawberry weevil; fine for dusting on seed-beds to protect the young plants, as well as fertilizing and stimulating the growth. Lb., post-paid, 10c; 3 lbs., 20c; by express or freight lb., 5c; 10 lbs., 40c; 50 lbs., \$1.25; 100 lbs., \$2.25

Lime-Sulphur Solution—The lime-sulphur solutions are effective for San Jose scale and leaf blister-mite. 1 qt., 20c; gal., 55c; 5 gal., \$1.75; bbls., 21c per gallon.



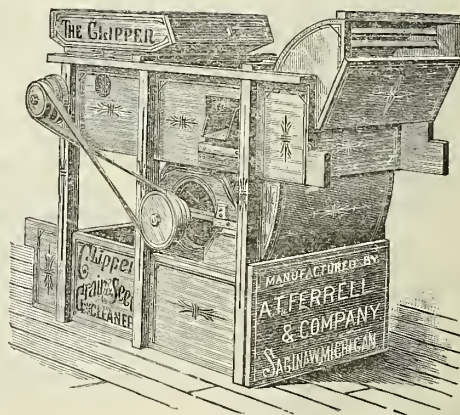
“CLIPPER” GRAIN AND SEED CLEANER—NUMBER 1B

The manufacturers of the “Clipper Mill” have greatly improved their old No. 1, and in future this size will be known as No. 1B. No. 1B Clipper has many new features. The assortment of screens (twelve with this, only ten with the old) are much better, and will enable the farmer to grade his wheat, oats etc., for sowing, and his corn for planting purposes. The directions for using the screens are very explicit; in fact, are such no one could make an error in their arrangement for cleaning Grain, Seed etc.

Every “Clipper Mill” is guaranteed both as to material and workmanship; will clean all kinds of seed and grain.

The No. 1B Clipper Cleaner with twelve screens is the best all around farm mill made. Endorsed and used by State and Government experimental stations. Screens are so arranged as to be in plain view and of easy access to the operator while machine is in operation.

Capacity 25 bushels of wheat or 10 bushels clover per hour. Price \$22.00.



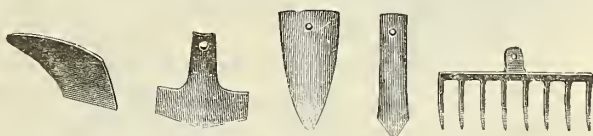
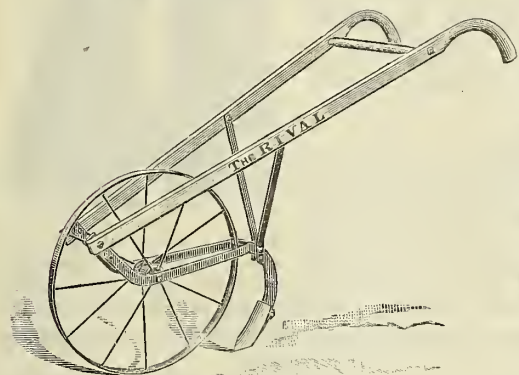
BROADCAST SEEDERS

The Improved Cyclone Seeder will sow all varieties of Farm Seed that can be sown broadcast and with ease to the operator; 5 acres per hour is a fair average for the Cyclone. The seed is distributed evenly and with great saving of time makes this a very practical machine on any sized farm. It increases profits both ways—in better crops and in time and seed saved. It will pay for itself sowing one bushel of clover seed. It is a convenient, practical and durable machine. Price, each, \$1.50. Postal weight 4 pounds.



THE RIVAL GARDEN CULTIVATOR

It is safe to say that there is no similar tool made that in ease of operation, high grade material, and fine finish, will equal the "Rival". The Beam is made of very stiff steel, and is constructed so that when the handles are attached the center of weight falls directly over the pivoting points which forms the axle for wheels, making it self balancing, and which admits of its being propelled with a minimum of power. Handles can be raised and lowered to suit man or boy. The different extras used on the "Rival" are Shovel, Calf Tongue, Weeder, Mold-board and Rake. Wheel is 24 inches in height. Complete, with five tools as shown, \$2.90.



EXCELSIOR HAND WEEDER

Price, 10c; by mail, 15c.

Steel Garden Trowels—Made of heavy steel, with good firm wooden handles. Price, 6 in. 10c; by mail 15c.



THE NORCROSS HAND GARDEN CULTIVATOR

Perfectly adjustable for all kinds of work. Every part is detachable. The center shovel can be quickly removed and the row straddled. Where rows are close together the three inside shovels may be used. Loosening two nuts releases any one of the prongs to be removed. Detaching center shovel and reversing other four, makes potato digger. Pulls weeds, pulverizes the soil thoroughly, giving level cultivation. It is light, very durable, easy to handle and does most excellent work. It can be quickly attached to wheel plow for use by larger gardeners.

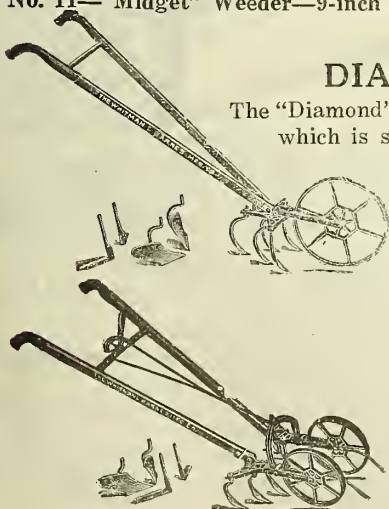
Three Sizes and Prices

No. 55, Five prong—4-foot handle.....	75c
No. 33, Three prong—4-foot handle.....	50c
No. 11—"Midget" Weeder—9-inch Handle.....	25c



DIAMOND GARDEN CULTIVATORS

The "Diamond" single wheel cultivator has an entirely new arrangement of frame which is strong neat and compact, and with the aid of the different attachments it can be used for hilling, furrowing and covering. The hilling attachments or weed cutters can be arranged to hoe in or out and to or from the plants, and can be set at any angle desired. Wheels and handles are both adjustable. Price complete as shown by cut \$3.75.

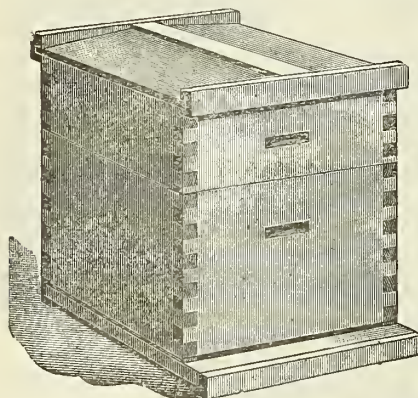


The "Diamond" Double Wheel Garden Cultivator is superior to anything of the kind yet placed on the market. It has a new device for expanding and enclosing, which permits the operator to set the machine instantly to any desired width. It is furnished with various attachments used for harrowing, furrowing and covering. Price as shown complete, \$5.00.

BEE SUPPLIES

We make a specialty of the best Bee Keeper supplies. If interested write for special catalogue of Bee Keepers' Supplies. It will be mailed free.

DOVE TAILED HIVES



Packed 5 in a Crate

No. 1 E. Dovetailed 8-frame, a 1½ story hive for comb honey, with eight improved Hoffman frames, follower board, one super with a follower and two wedges; 6 section holders with wood separators, nails for making hives and trimmings. One hive for \$2.00; 5 for \$9.75; 10 for \$18.75.

No. 2 a 2-story hive for comb honey. 1 hive, \$2.75; 5 for \$12.75; 10 for \$23.50.

No. 5 Dovetailed; 8-frame, 2-story hive for extractor, and includes two bodies with 16 improved Hoffman frames, nails and trimmings. Each, \$2.25; 5 for \$10.75; 10 for \$20.50.

TEN HIVE FRAMES

No. 1 E. one and one-half story hives, no sections or starters. No. 1 E, 1 hive \$2.75; 5 \$10.75

No. 1. one and one-half story hives, with sections and starters. No. 1, 1, \$2.50 5, \$12.00; 10, \$23.00.

HONEY SECTIONS

First quality white Northern Basswood; polished on both sides. Any style, but standard size only.

Unless you order otherwise we will send you sections 4½x4½x1½.



One Piece Section Open Top and Bottom No. 1 Quality— 100, 75c; 250, \$1.40; 500, \$2.75; 1000, \$5.50.

Plain sections 3½x5, 4¼x¼ and 4-5 are 25c per 1000 less than bee-way (open top and bottom) sections.

GLOBE BEE VEIL

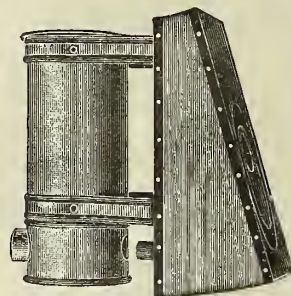


No trouble to put on or take off; perfect protection; we know of nothing better.

By mail, for \$1.00; extra nets, 60c each.

THE HIGGINSVILLE SMOKER

This is a hot blast smoker and has a 3¼ inch fire box, and the nozzle is detachable to admit of filing or cleaning. We believe it has as strong a blast as any smoker made. A bar of folded tin running parallel with a bellows protects the hand from coming in contact with the hot fire box. Price each 80c.



No. 1. Dovetailed hive like cut, 8 frame complete, a 1½ story hive for comb honey, it includes bottom board; a body with eight improved Hoffman frames; follower board, one super with a follower and two wedges; 6 section holders with wood separators, sections, foundation starters for sections, covers and nails for nailing hives and trimmings. One Hive \$2.25, 5 for \$10.40 10 for \$20.00

HONEY BOARDS ZINC QUEEN EXCLUDERS, ETC.

Zinc Queen Excluder for 8-frame hive, 20c, each; 10 for \$1.50; 50 for \$5.50.

Wood bound slatted zinc honey boards, 8-frame 30c, each; 10, \$2.75.

Bee Entrance Guards, large size each, 10c; 10 for 80c.

COMB FOUNDATION OR STARTER

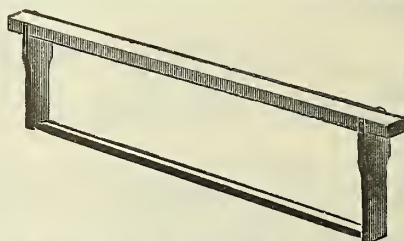
Extra thin for sections, 1 lb., 65c; 5 lbs., \$3.00.

Medium for Brood Chamber, 1 lb., 60c; 5 lbs., \$2.75. If wanted by mail add 15c per pound for postage.

PARKER'S FOUNDATION FASTENERS

For putting comb foundation in sections. Any one with a little practice can put in 500 starters an hour with them. Price 25c each; by mail 40c.

THE HOFFMAN FRAMES



This is the most universally used frame on the market. It is strong, durable and has all the good features that constitute a perfect frame

4c each; 10 for 35c 100 for \$3.25.

SHALLOW EXTRACTING FRAMES

These are to be used in place of section boxes in the super for extracted honey. 10 for 30c; 100 for \$2.50.

PORTER BEE ESCAPES

Porter Bee Escapes, to clear the supers of bees. Saves time and bee stings.

Price 20c each; postpaid, \$2.00 doz.

Price with board, 35c; \$3.20 for 10 not prepaid.

SILK FACED VEIL

A veil to cover the face and protect it from stings for the amateur beekeeper is a necessity, and very convenient for the professional. The cotton tulle veil with silk face, fits any hat. Price 60c; by mail, 65c.

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PARCEL POST INFORMATION

Your Postmaster or Rural Route Carrier Will Tell You the Parcel Post Zone in Which Your Postoffice is Located, Measuring from Joplin

This table tells you postage required on any Parcel Post package for any distance.	Local Zone	1st Zone	2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone	7th Zone
Weight of package.	City of Joplin Mo. its rural routes	Not over 50 Miles from Joplin	51 to 150 miles from Joplin	151 to 300 mi. from Joplin	301 to 600 mi. from Joplin	601 to 1000 mi. from Joplin	1001 to 1400 mi. from Joplin	1401 to 1800 mi. from Joplin
Over 8 oz. up to 1 lb.	\$0 05	\$0 05	\$0 05	\$0 06	\$0 07	\$0 08	\$0 09	\$0 11
Over 1 lb. up to 2 lbs.	06	06	06	08	11	14	17	21
Over 2 lbs. up to 3 lbs.	06	07	07	10	15	20	25	31
Over 3 lbs. up to 4 lbs.	07	08	08	12	19	26	33	41
Over 4 lbs. up to 5 lbs.	07	09	09	14	23	32	41	51
Over 5 lbs. up to 6 lbs.	08	10	10	16	27	38	49	61
Over 6 lbs. up to 7 lbs.	08	11	11	18	31	44	57	71
Over 7 lbs. up to 8 lbs.	09	12	12	20	35	50	65	81
Over 8 lbs. up to 9 lbs.	09	13	13	22	39	56	73	91
Over 9 lbs. up to 10 lbs.	10	14	14	24	43	62	81	1 01
Over 10 lbs. up to 11 lbs.	10	15	15	26	47	68	89	1 11
Over 11 lbs. up to 12 lbs.	11	16	16	28	51	74	97	1 21
Over 12 lbs. up to 13 lbs.	11	17	17	30	55	80	1 05	1 31
Over 13 lbs. up to 14 lbs.	12	18	18	32	59	86	1 13	1 41
Over 14 lbs. up to 15 lbs.	12	19	19	34	63	92	1 21	1 51
Over 15 lbs. up to 16 lbs.	13	20	20	36	67	98	1 29	1 61
Over 16 lbs. up to 17 lbs.	13	21	21	38	71	1 04	1 37	1 71
Over 17 lbs. up to 18 lbs.	14	22	22	40	75	1 10	1 45	1 81
Over 18 lbs. up to 19 lbs.	14	23	23	42	79	1 16	1 52	1 91
Over 19 lbs. up to 20 lbs.	15	24	24	44	83	1 22	1 61	2 01
Over 20 lbs. up to 21 lbs.	15	25	25					
Over 21 lbs. up to 22 lbs.	16	26	26					
Over 22 lbs. up to 23 lbs.	16	27	27					
Over 23 lbs. up to 24 lbs.	17	28	28					
Over 24 lbs. up to 25 lbs.	17	29	29					
Over 25 lbs. up to 26 lbs.	18	30	30					
Over 26 lbs. up to 27 lbs.	18	31	31					
Over 27 lbs. up to 28 lbs.	19	32	32					
Over 28 lbs. up to 29 lbs.	19	33	33					
Over 29 lbs. up to 30 lbs.	20	34	34					

If seeds and supplies are wanted by express or freight at customers expense, deduct 5 cents per pound and 10c per quart from Postpaid prices in catalogue.

WEIGHT LIMIT

In the local, first and second zones, packages will be delivered by Parcel Post, weighing up to 50 pounds. In the third to eighth zones the weight limit is 20 pounds.

*We Sell the Best Seeds That
Grow*



STECHER CO. ROCHESTER, N.Y.

Reding and Clark
Joplin, Missouri